JEFFREY

CHAINS & MATERIAL HANDLING MACHINERY

CATALOG
NO. 416

JEFFREY

Chains and Material Handling Machinery

CATALOG NUMBER

4 1 6

The Jeffrey Manufacturing Company
Columbus, Ohio

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Printed in U. S. A.

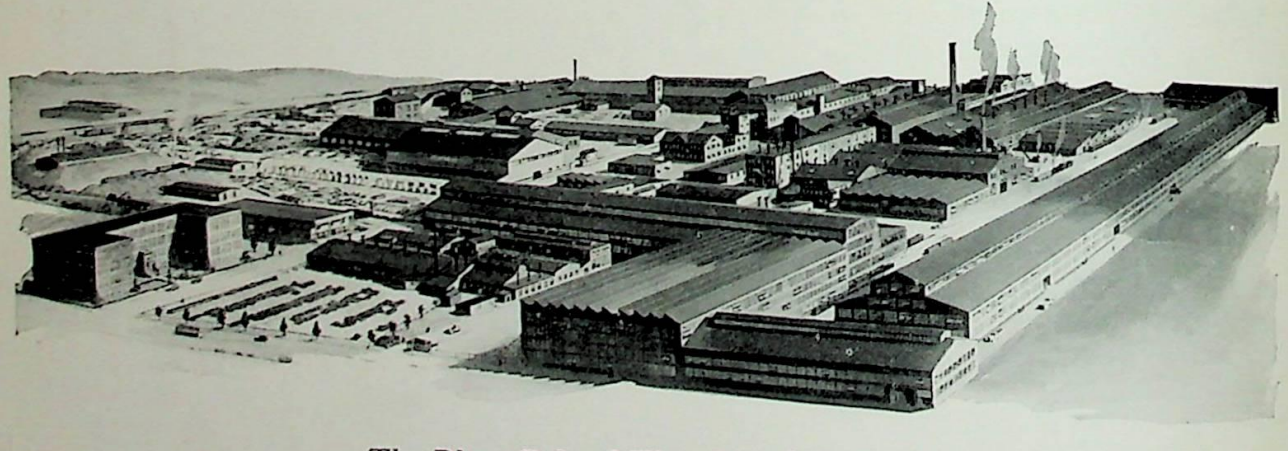
11-27-10m-M

The Complete Jeffrey Line

A Service to Every Industry

Apron Conveyors
Belt Conveyors
Chain Conveyors
Scraper Conveyors
Cable Conveyors
Spiral Conveyors
Bucket Conveyors
Portable Conveyors
Bucket Elevators
Tray and Arm Elevators
Portable Loaders
Portable Unloaders
Bag Stackers
Complete Coal and Ash Handling Equipments
Crushers
Pulverizers
Shredders
Screens, Valves, Etc.
Fans and Blowers
Chains, Sprockets, Gears, Bearings
Complete Coal Mine and Tipple Equipments

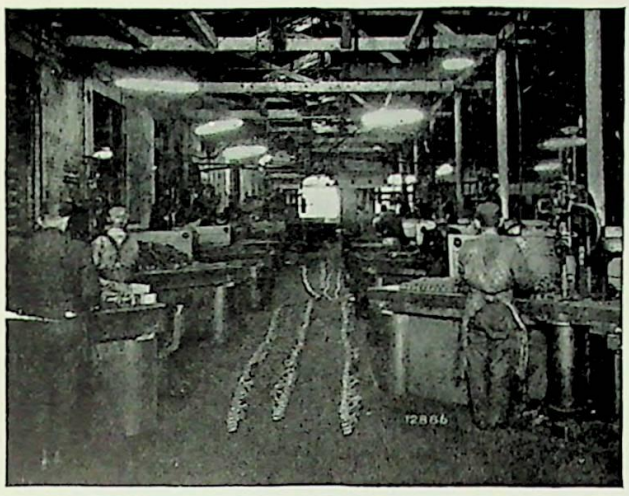
Detailed information on any of the above equipment, not covered by this Catalog, will be found in our separate catalogs, furnished upon request.



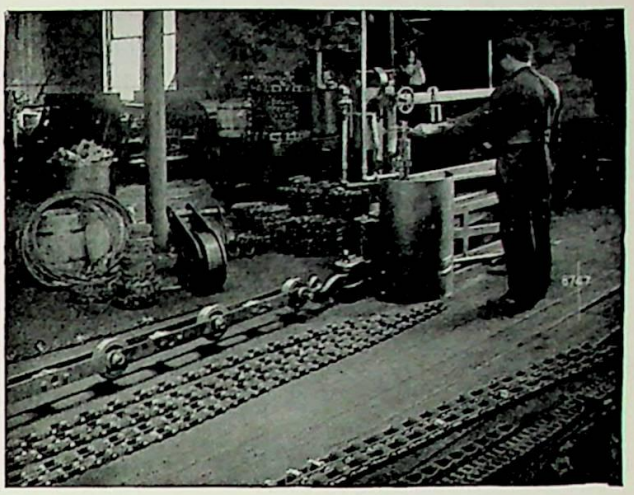
The Plant Behind This Broad Service

Established 1877

Jeffrey Chains



Chain Assembly Room, where Jeffrey Chains are assembled by skilled workmen of many years experience



Testing Room, where every Jeffrey Chain is tested at a strain greatly in excess of its average working strength

THE chains listed in this catalog under "Stock Sizes" substantially cover the various types, sizes and attachments required in the solution of the general run of Material Handling problems. These Stock Sizes, therefore, have a wide range of application and enjoy an active demand.

The "Made On Order" sizes, as their designation implies, have been made to meet the exacting requirements of some particular problem and the demand for same does not justify their being carried in stock by the Manufacturer. It is therefore suggested that users of these special sizes sufficiently anticipate their requirements to avoid unnecessary delay.

Jeffrey Engineers and Metallurgists are constantly striving to improve the design and quality of Jeffrey chains and at the same time preserve the interchangeability feature which is so essential in products of this nature. Jeffrey chains are of a Balanced Construction. They are designed to equally withstand the stresses of the several mechanical forces to which they are subjected, such as, tension in the Side Bars, Bending and Shearing of the Pins and Bushings, Fixed Bearing of the pins in the Side Bars and Wearing Bearing between the pins and their bearings. As a result of this Balanced Construction they are not burdened with an excess of metal which is useless dead weight.

"Stock" sizes are usually carried in stock for prompt shipment of reasonable requirements, and when ordered, the exact amount specified is furnished.

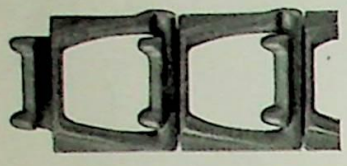
Either cataloged "Made On Order" sizes or "Odd" sizes not cataloged are only made upon order. To obtain the specified amounts of correct parts it is necessary to make a slight excess to cover normal manufacturing hazards and rejections in process. Should the exact amount specified result, this only will be shipped to the customer. However, because of the special nature of "Made On Order" and "Odd" sizes, the amount of the over-run will be shipped and invoiced to the customer. The maximum amount of the over-run for malleable chains and other cast parts will be limited to 10%, and for punched steel chains, etc., to 5%. No more than these percentages will be invoiced.

Where a "Made On Order" chain attachment is interspersed with a "Stock" size or style, the specified amount of "Stock" material only will be shipped, but the amount of "Made On Order" or "Odd" attachments manufactured to cover the order will be shipped loose. These loose parts will not exceed the proper maximum allowable percentage of over-run.

Prompt shipments of Standard Chain from Stock

Jeffrey Chains

General Index and Service Application



Detachable Link

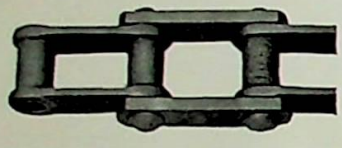
Detachable Link Chain—

A general service chain for drives of ordinary uniform service and for elevators and conveyors in non-gritty materials or in slightly gritty materials where partially protected—also packages, barrels, boxes, etc. Use Carried in Stock Sizes and Attachments, pages 14, 16 and 17.

Reliance

Reliance Chain—

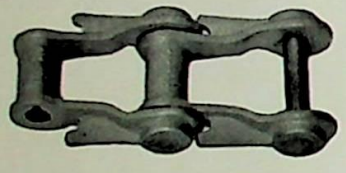
An intermediate step between a riveted Mey-Oborn and a Hercules Chain. It is well adapted to elevator service of moderate speeds under semi-gritty conditions and is popular as a drive chain. Works over many of the Detachable and Mey-Oborn Sprockets. Use Stock Sizes, page 46.



Hercules

Hercules Chain—

An excellent hard service chain. See page 28. It is fitted to all kinds of heavy duty, especially single and double strand elevators in gritty, dry or damp materials. In the small sizes it makes a rugged drive chain. Use Stock Sizes, page 35.



Mey-Oborn

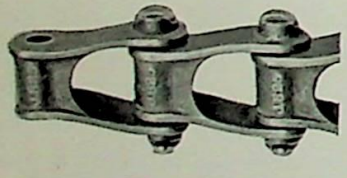
Mey-Oborn Chain—

A Malleable Chain suited to the same and somewhat more severe service than the Detachable Link Chain; especially when put up with riveted pins. Works over the same sprockets as the Detachable Chain. Chain and Attachments made on order only. See page 26.

Pintle

Pintle Chain—

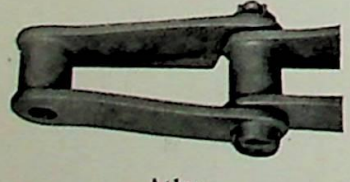
A closed joint chain for general elevating and conveying work. The small sizes are used almost exclusively for drives. Sizes of corresponding pitch work in place of Detachable Chain of same sizes, see page 54.



Peerless

Peerless Chain—

A chain fitted to the same service as the Reliance Chain, but possessing the added features of a hardened pin and a hardened renewable steel bushing having an internal and an external wearing surface. Use Carried in Stock Sizes and Attachments, page 61.



Atlas

Atlas Chain—

This chain while having the general external appearance of the Peerless Chain is, in its working features, of practically the Hercules construction and is extensively used in semi or moderately gritty elevator service. Use Carried in Stock Sizes and Attachments, page 64.

Malleable [Roller

Malleable Roller Chain—

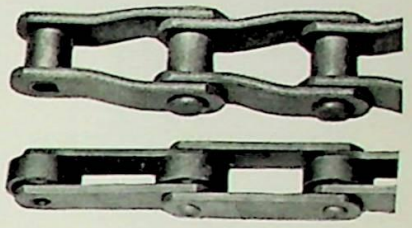
The least expensive of the Roller Chains and well adapted to wood and steel Apron Conveyors; also Elevators and Conveyors handling non-adhesive, non-gritty bulk materials. Many of the shorter pitches make excellent drive chains. Note chain construction, page 65. Use Carried in Stock Sizes and Attachments, pages 74 to 76.

Jeffrey Chains

General Index and Service Application

Steel Thimble Roller Chain—

The finest type of Jeffrey Chains. See page 81. The smaller sizes make excellent drive chains while the larger sizes are especially adapted to aprons, elevators and conveyors of heavy duty. Not to be used in direct contact with sticky or gritty materials. Use Carried in Stock Sizes, pages 95 to 98.



Steel Thimble Roller
(Offset and straight side bar types)

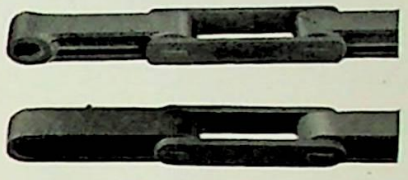
Vulcan Chain—

This style of Chain is of the simplest construction of all steel side bar types and gives excellent service on ordinary single and double strand conveyors in non-gritty or semi-gritty materials. Use Stock Sizes, page 105.

Vulcan

Climax Chains (Drop Forged and Strap Types)

A rugged steel chain built in drop forged and welded steel types for heavy duty elevator and scraper conveyor service in gritty, semi-gritty and garbage acid conditions. See page 118.



Climax
(Drop Forged and Strap Types)

Flat and Round Steel Link Chain—

An all steel welded chain fitted to general elevator and conveyor service under the following conditions: non-gritty; partially protected dry semi-gritty; or liquidly semi-gritty materials, especially where corrosion has given trouble in the use of riveted chains. Use Carried in Stock Sizes, page 111.

Flat and Round Steel Link

Long Link Coil Chain—

This chain is extensively used in the Logging and Lumber industries. Also used in handling of slimes or in other liquidly semi-gritty conditions where materials cannot lodge in the joints of the chain. Can be readily repaired by any blacksmith. Use Carried in Stock Sizes, page 114.

Long Link Coil

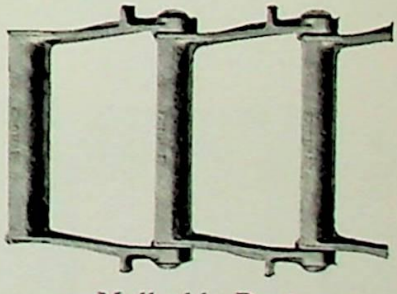
Transfer Chain—

A chain extensively used in Stock Rooms and Warehouses. Two or more parallel strands are run in grooves placed in floor or platform for transfer of boxes, packages, bundles, etc. Use the Stock Sizes, page 53.

Transfer

Malleable Drag Chain—

Of the Reliance Type, by reason of its long pin bearing in its all malleable links, is especially fitted for medium capacities of gritty materials. See pages 50 to 52 and use the Carried in Stock Sizes.



Malleable Drag

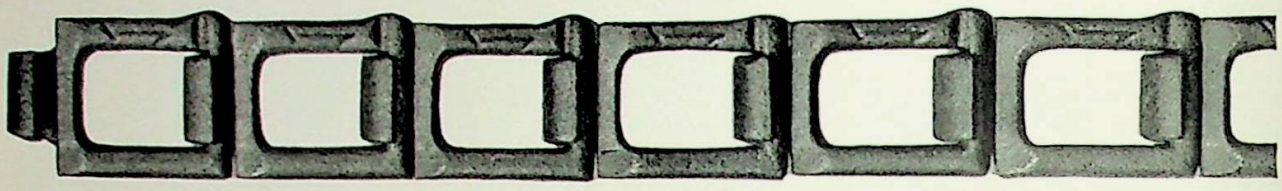
Steel Drag Chain—

This is simply a widened-out Vulcan Chain with a self-contained cross-bar acting as a scraper. Used for medium capacities of non or semi-gritty bulk materials where space for conveyor is limited. See page 119.

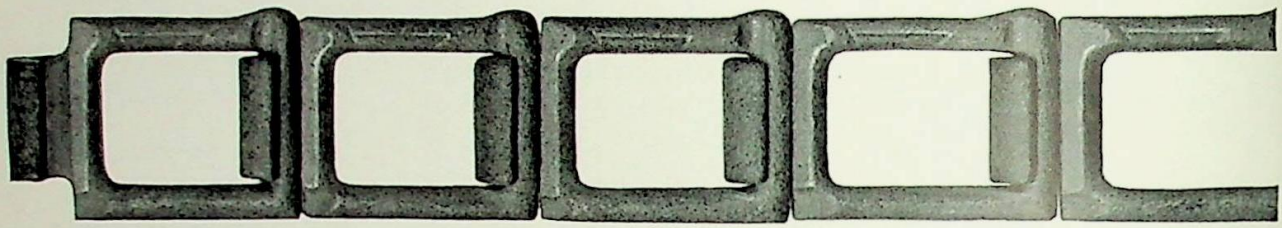
Steel Drag

Jeffrey Detachable Link Chains

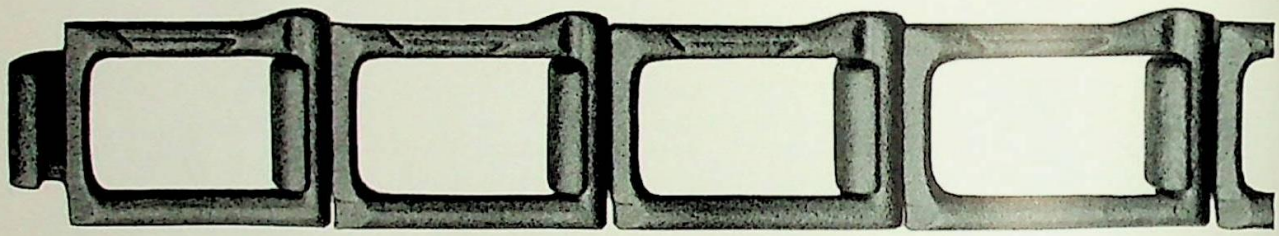
Shown approximately actual size



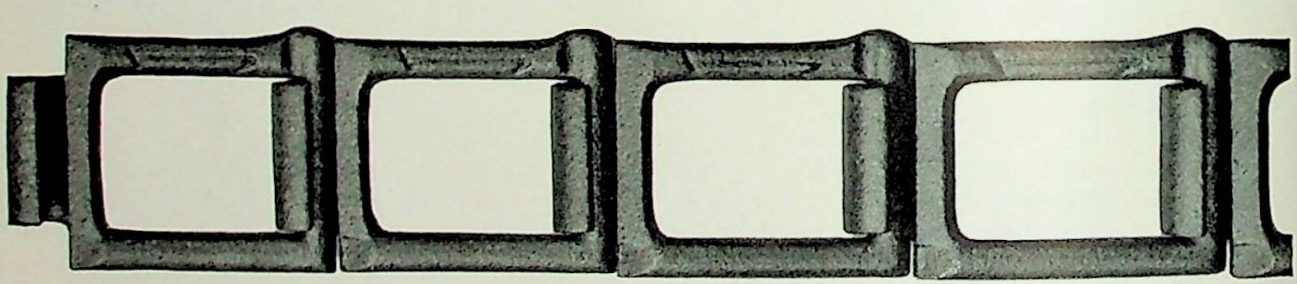
No. 25—Pitch .902 In. Average Ultimate Strength, 700 lbs. Use Sprockets No. 25.



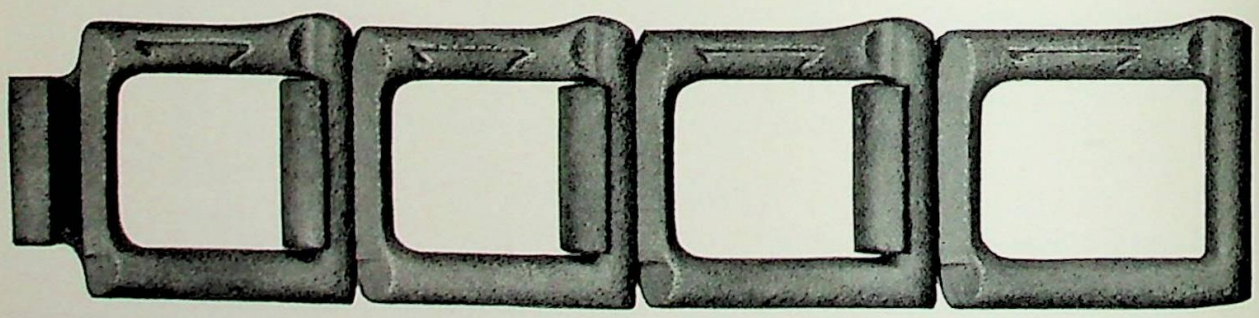
No. 32—Pitch 1.154 In. Average Ultimate Strength, 1100 lbs. Use Sprockets No. 32.



No. 33—Pitch 1.394 In. Average Ultimate Strength, 1190 lbs. Use Sprockets No. 33.



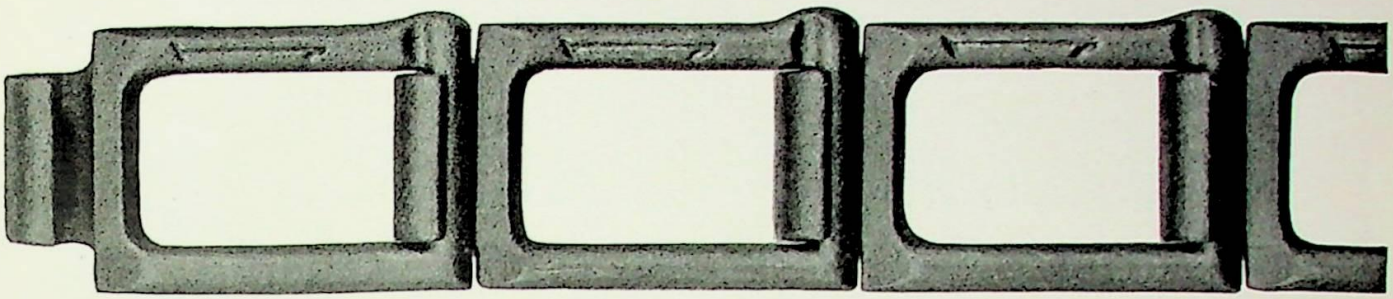
No. 34—Pitch 1.398 In. Average Ultimate Strength, 1300 lbs. Use Sprockets No. 34.



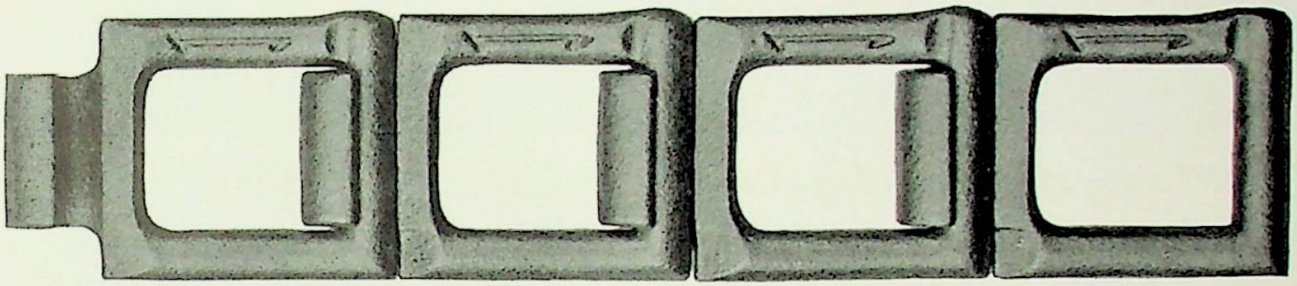
No. 42—Pitch 1.375 In. Average Ultimate Strength, 1500 lbs. Use Sprockets No. 42.

Jeffrey Detachable Link Chains

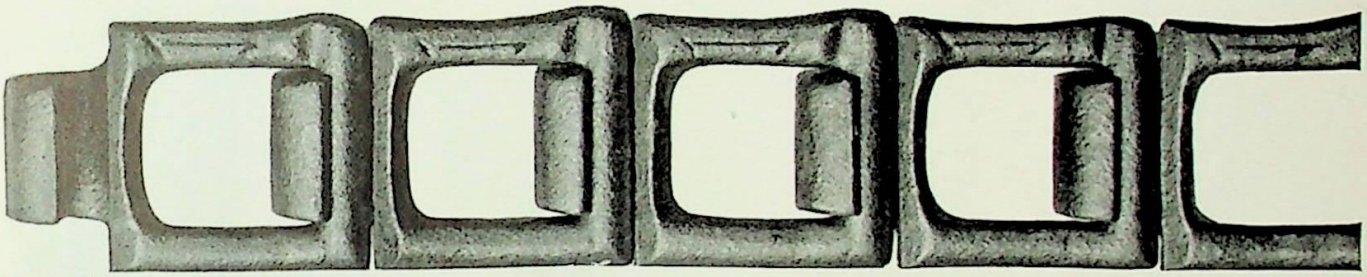
Shown approximately actual size



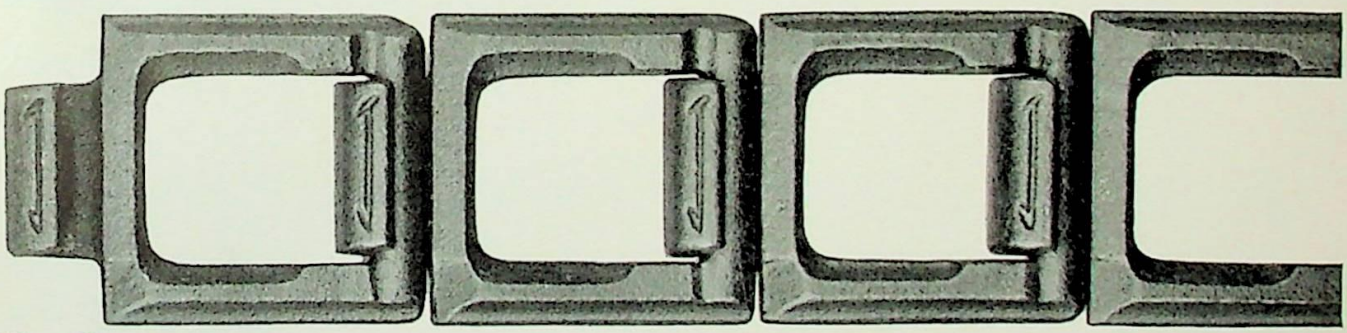
No. 45—Pitch 1.630 In. Average Ultimate Strength, 1600 lbs. Use Sprockets No. 45.



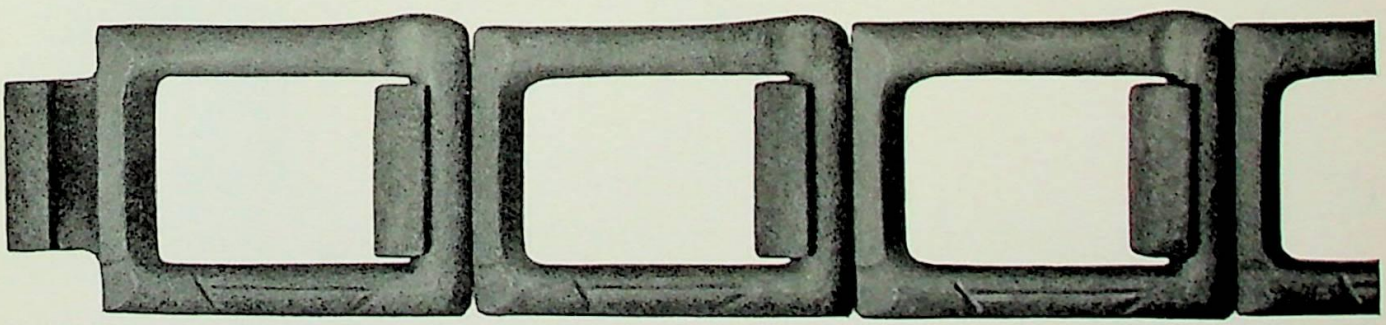
No. 50—Pitch 1.380 In. Average Ultimate Strength, 1900 lbs. Use Sprockets No. 50.



No. 51—Pitch 1.155 In. Average Ultimate Strength, 1900 lbs. Use Sprockets No. 51.



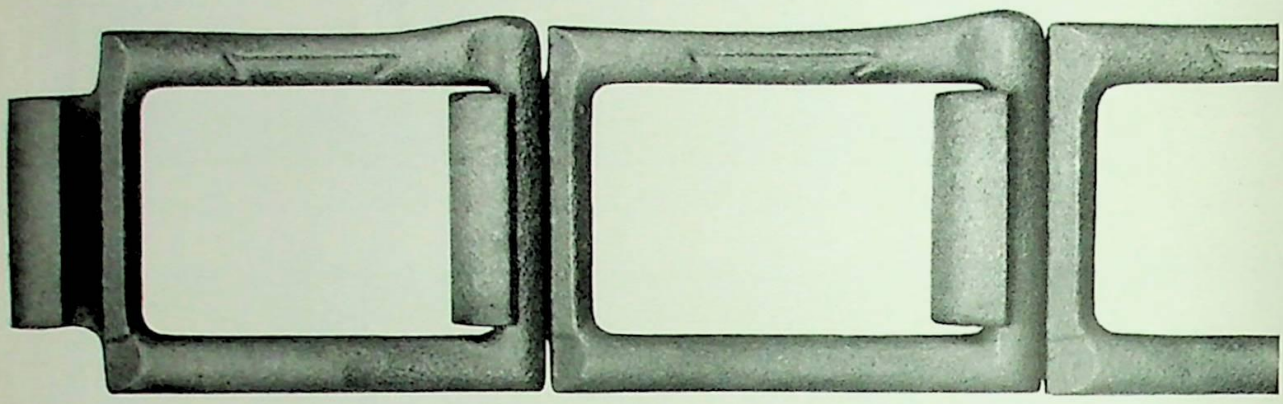
No. 52—Pitch 1.506 In. Average Ultimate Strength, 2300 lbs. Use Sprockets No. 52.



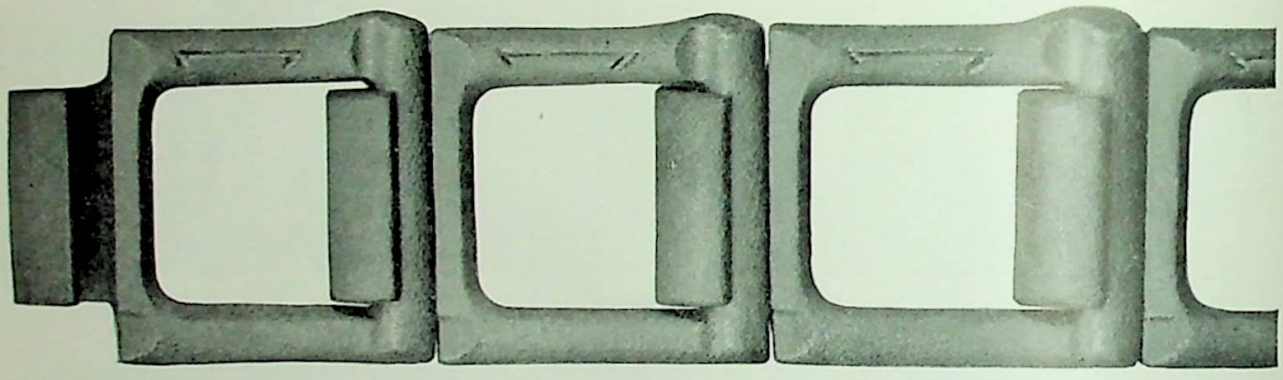
No. 55—Pitch 1.631 In. Average Ultimate Strength, 2200 lbs. Use Sprockets No. 55.

Jeffrey Detachable Link Chains

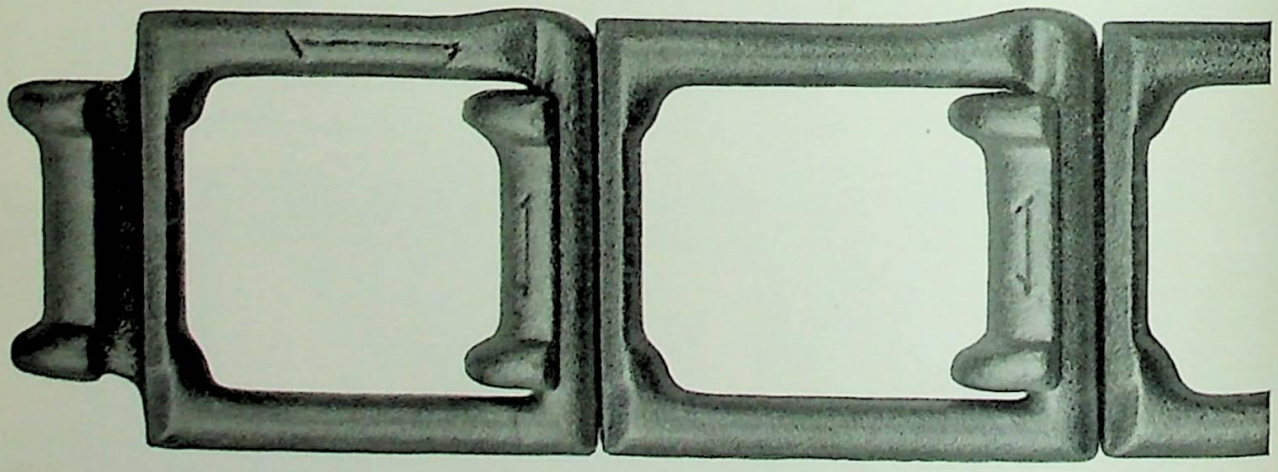
Shown approximately actual size



No. 57—Pitch 2.308 In. Average Ultimate Strength, 2800 lbs. Use Sprockets No. 57.



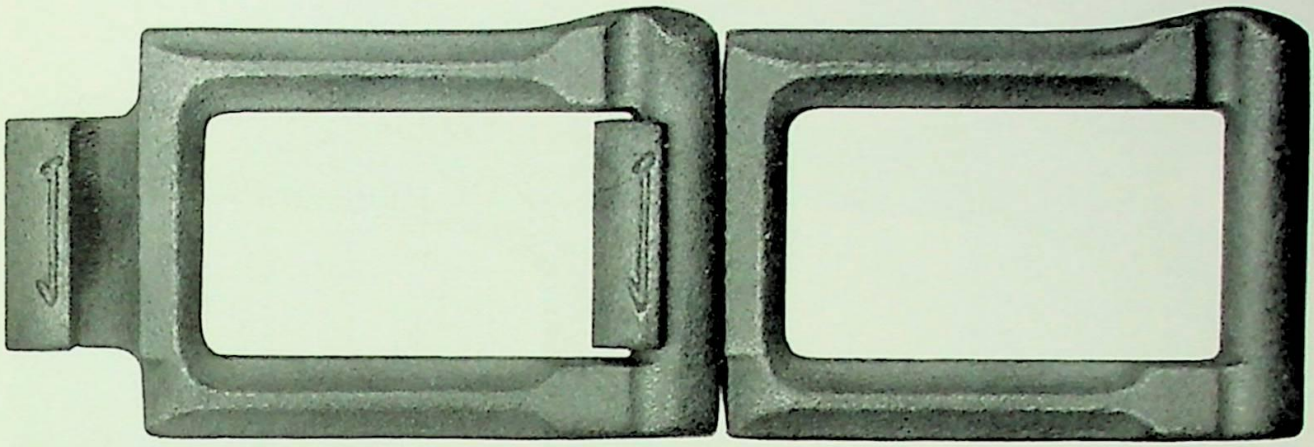
No. 62—Pitch 1.654 In. Average Ultimate Strength, 3100 lbs. Use Sprockets No. 62.



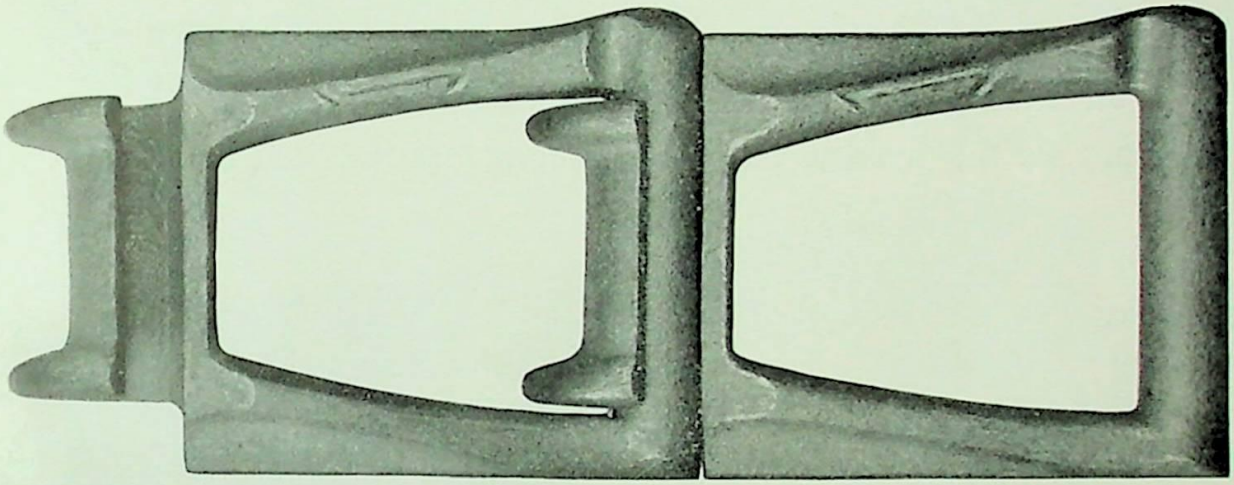
No. 67—Pitch 2.308 In. Average Ultimate Strength, 3300 lbs. Use Sprockets No. 57.

Jeffrey Detachable Link Chains

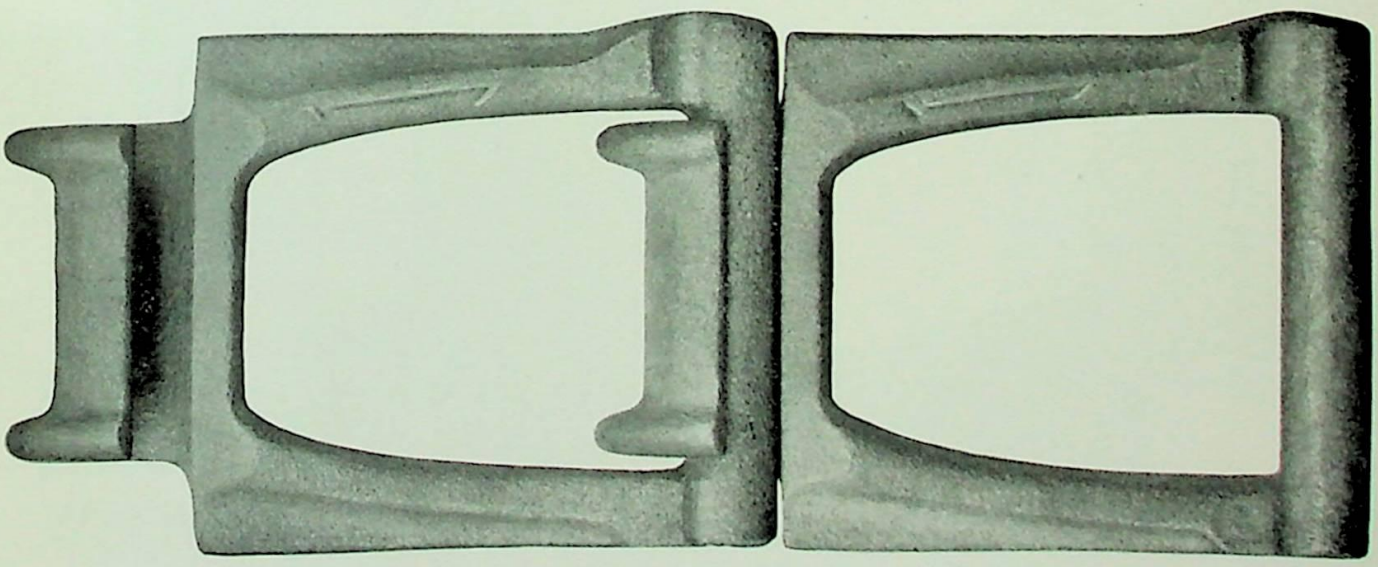
Shown approximately actual size



No. 75—Pitch 2.609 In. Average Ultimate Strength, 4000 lbs. Use Sprockets No. 88.



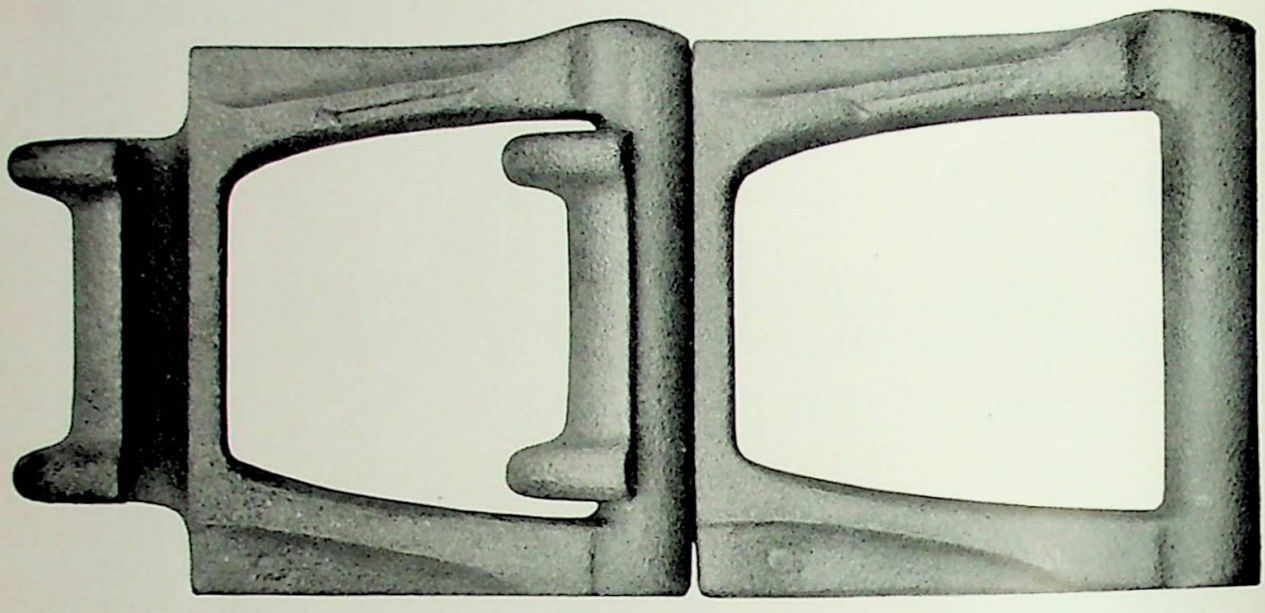
No. 77—Pitch 2.297 In. Average Ultimate Strength, 3600 lbs. Use Sprockets No. 77.



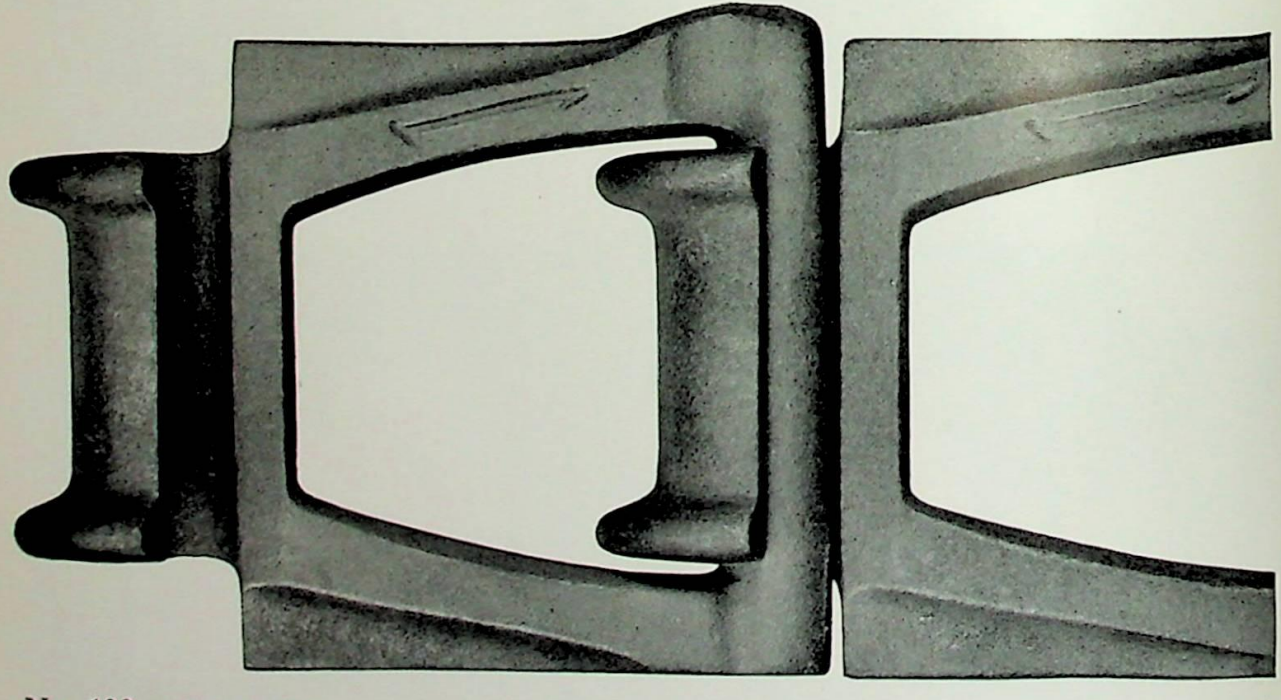
No. 78—Pitch 2.609 In. Average Ultimate Strength, 4900 lbs. Use Sprockets No. 88.

Jeffrey Detachable Link Chains

Shown approximately actual size



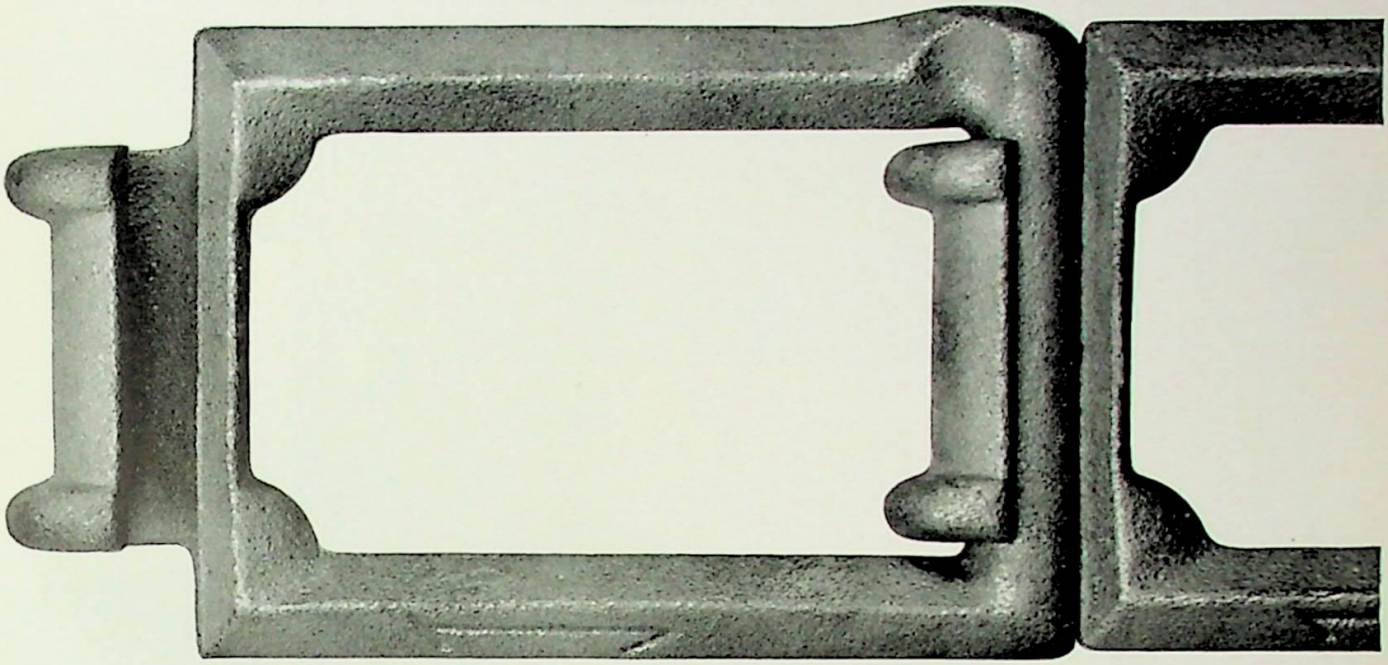
No. 88—Pitch 2.609 In. Average Ultimate Strength, 5750 lbs. Use Sprockets No. 88.



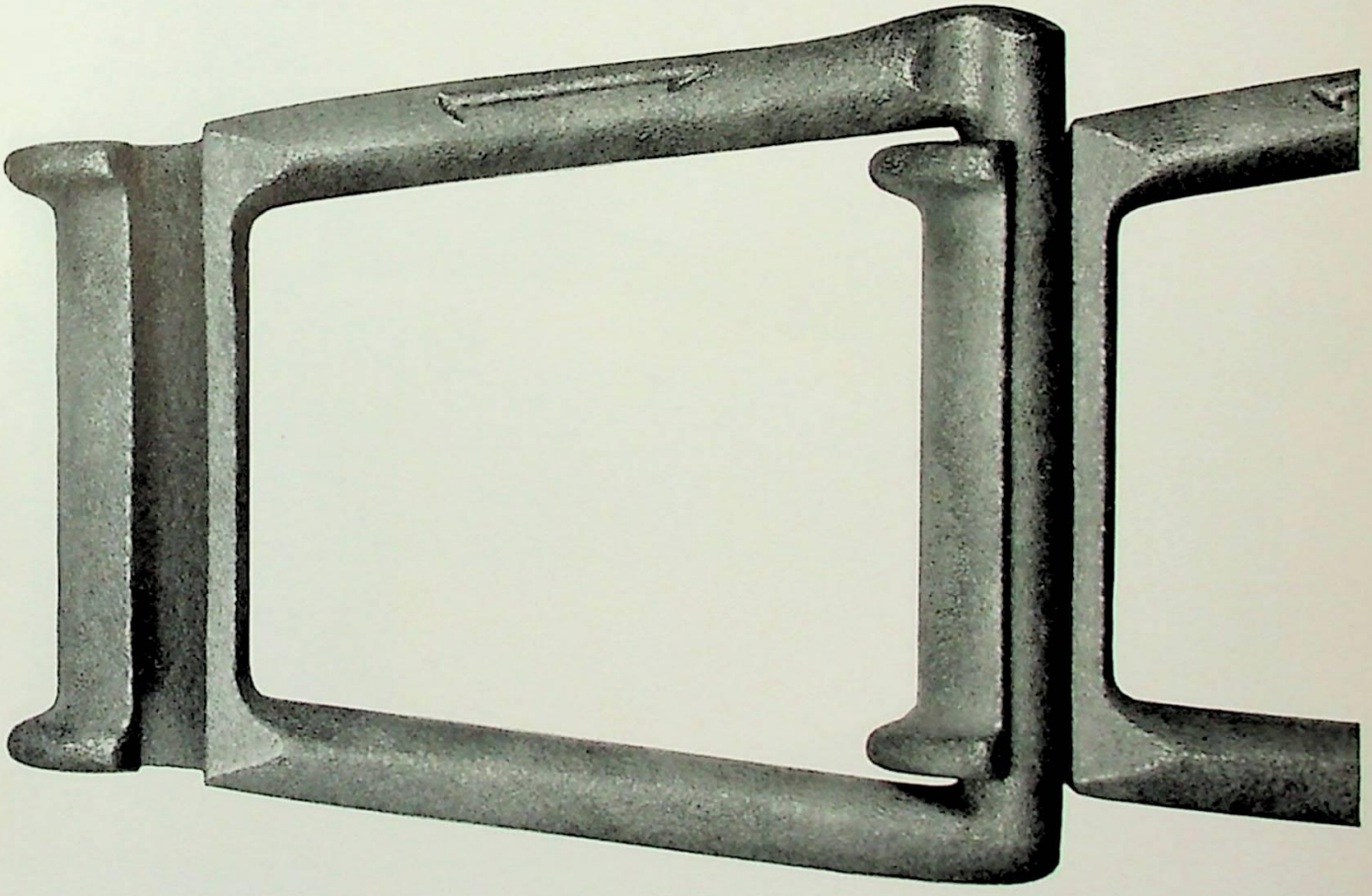
No. 103—Pitch 3.075 In. Average Ultimate Strength, 9600 lbs. Use Sprockets No. 103

Jeffrey Detachable Link Chains

Shown approximately actual size



No. 83—Pitch 4.000 In. Average Ultimate Strength, 4950 lbs. Use Sprockets No. 83.

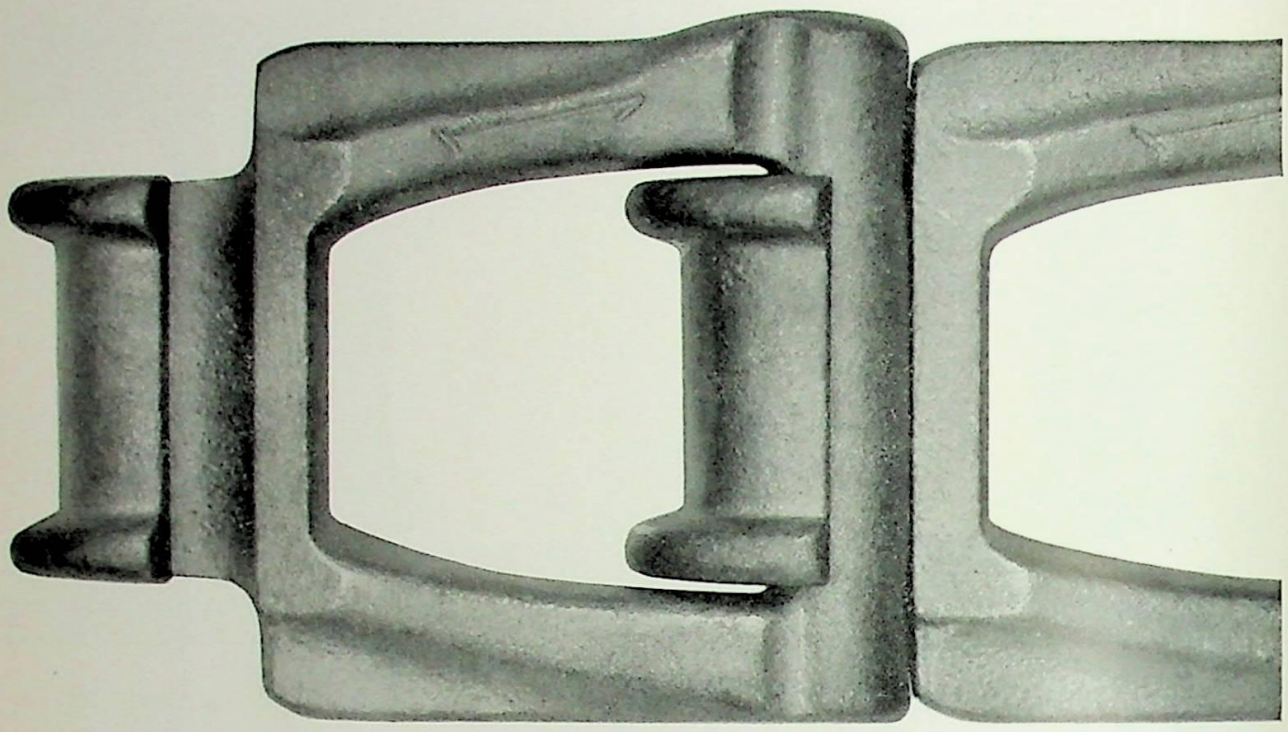


No. 85—Pitch 4.000 In. Average Ultimate Strength, 7600 lbs. Use Sprockets No. 85.

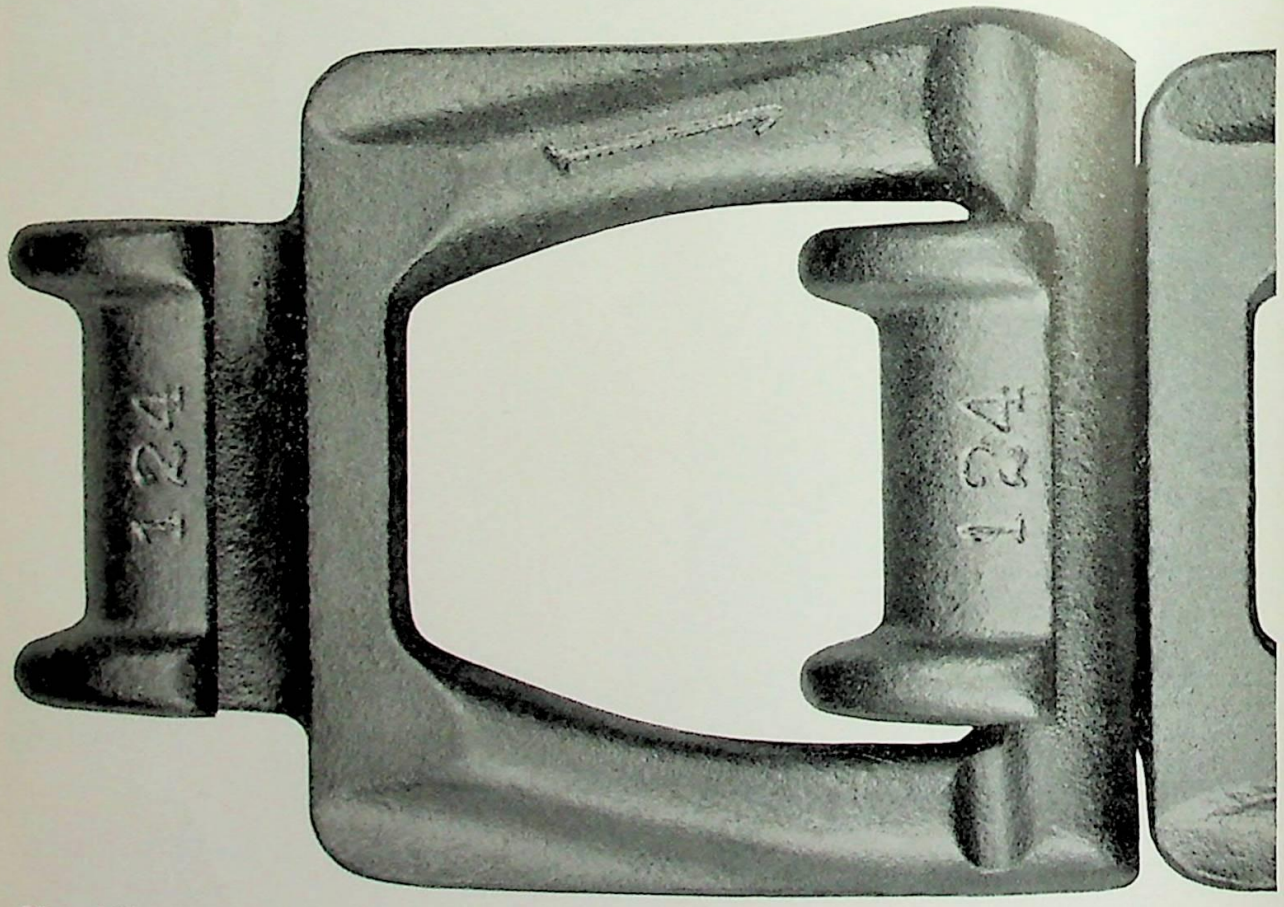
No. 95—Pitch 3.967 In. Average Ultimate Strength, 8700 lbs. Use Sprockets No. 95.

Jeffrey Detachable Link Chains

Shown approximately actual size.



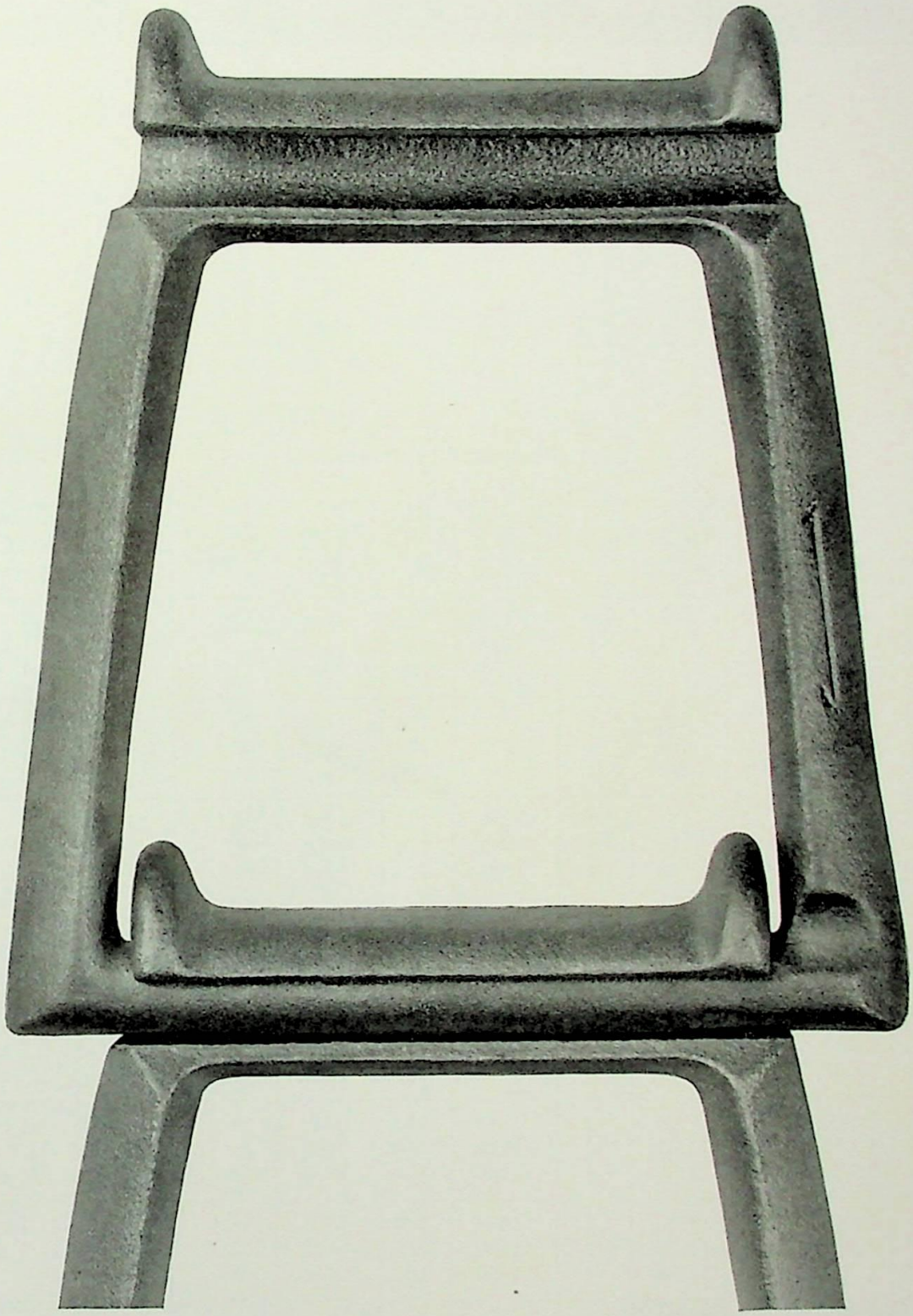
No. 114—Pitch 3.250 In. Average Ultimate Strength, 11,000 lbs. Use Sprockets No. 114.



No. 124—Pitch 4.063 In. Average Ultimate Strength, 15,000 lbs. Use Sprockets No. 124.

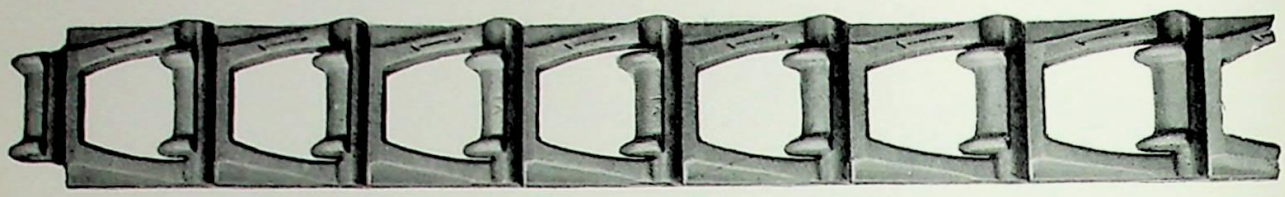
Jeffrey Detachable Link Chains

Shown approximately actual size

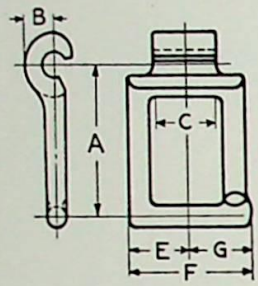


No. 108—Pitch 4.720 In. Average Ultimate Strength, 9900 lbs. Use Sprockets No. 108

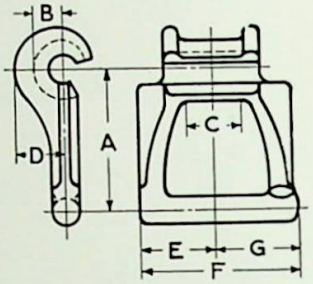
Jeffrey Detachable Link Chains



Standard Stock Sizes of Plain Detachable Chain



TYPE I



TYPE II

List Price and Dimensions

Chain No.	List Price Plain Chain Per Ft.	A Pitch Inches	Approx. Links in 10 Feet	Average Weight Per Foot Pounds	Type	‡Working Strength at 150 Ft. Per Min. Pounds	§Max. Speed in Feet Per Min.	Average Ultimate Strength Pounds	Works on Sprockets Number	Plain Chain Dimensions—Inches					
										B	C	D	E	F	G
25	$0.17	.902	133	.24	1	120	700	700	25	.203	3/8	.....	3/8	25/32	13/32
32	.17	1.154	104	.32	1	185	700	1100	32	.250	1/2	.....	15/32	31/32	1/2
33	.16	1.394	86	.32	1	200	700	1190	33	.234	1/2	.....	1/2	1 1/32	17/32
34	.18	1.398	86	.40	1	215	700	1300	34	.266	1/2	.....	9/16	1 5/32	19/32
42	.19	1.375	88	.55	1	250	700	1500	42	.281	5/8	.....	5/8	1 9/32	21/32
45	.18	1.630	74	.52	1	265	700	1600	45	.297	11/16	.....	5/8	1 5/16	11/16
50	.22	1.380	87	.71	1	390	700	1900	50	.312	5/8	.....	21/32	1 11/32	11/16
51	.24	1.155	104	.70	1	315	700	1900	51	.359	9/16	.....	19/32	1 1/4	21/32
52	.23	1.506	80	.80	1	385	700	2300	52	.344	5/8	.....	3/4	1 17/32	25/32
55	.20	1.631	74	.70	1	370	700	2200	55	.359	11/16	.....	21/32	1 13/32	3/4
57	.26	2.308	52	.87	1	470	700	2800	57	.406	3/4	.....	7/8	1 13/16	15/16
62	.27	1.654	73	1.04	1	515	700	3100	62	.406	11/16	.....	25/32	1 21/32	7/8
67	.30	2.308	52	1.15	2	555	600	3300	57	.406	11/16	17/32	1	2 1/32	1 1/32
75	.33	2.609	46	1.34	1	670	600	4000	88	.438	15/16	.....	1 1/32	2 3/32	1 1/16
77	.35	2.297	52	1.45	2	600	600	3600	77	.359	11/16	39/64	1 1/16	2 7/32	1 5/32
78	.44	2.609	46	1.86	2	815	600	4900	88	.438	15/16	21/32	1 1/4	2 5/8	1 3/8
85	.62	4.000	30	2.47	2	1265	500	7600	85	.484	1 7/8	13/16	2 1/16	4 7/32	2 5/32
88	.50	2.609	46	2.30	2	960	600	5750	88	.438	15/16	53/64	1 5/16	2 3/4	1 7/16
95	.68	3.967	30	2.90	2	1450	500	8700	95	.516	1 7/8	1	2 1/16	4 1/4	2 3/16
103	.73	3.075	39	4.00	2	1600	500	9600	103	.609	1 1/8	1	1 9/16	3 9/32	1 23/32
108	.80	4.720	25½	3.48	2	1650	400	9900	108	.563	2 3/8	1	2 13/32	4 15/16	2 17/32
114	.92	3.250	37	5.25	2	1835	500	11000	114	.813	1 1/8	1 11/64	1 5/8	3 15/32	1 27/32
124	1.08	4.063	30	6.40	2	2115	400	15000	124	.859	1 1/4	1 3/8	1 31/32	4 1/16	2 3/32

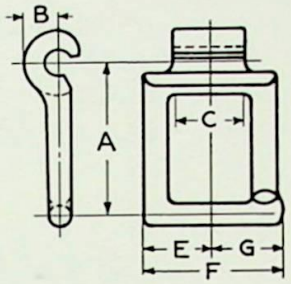
‡Working Strengths in table are increased or decreased for speeds other than 150 feet per min., see page 121.

§Economical speeds are half of maximum speeds.

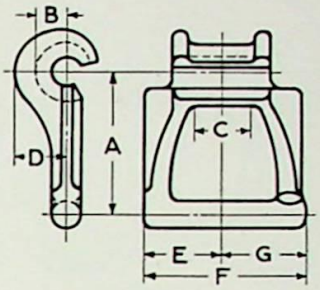
For List of Sprockets, see pages 129 to 134 for Cast Iron and 154-155 for Cast Steel

Jeffrey Detachable Link Chains

Made on Order Sizes



TYPE I



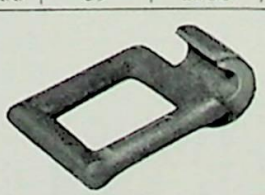
TYPE II

Plain Chain

List Price and Dimensions

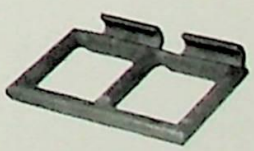
Chain No.	List Price Plain Chain Per Foot	A Pitch Inches	Approx. Links in 10 Feet	Average Weight Per Foot Pounds	Type	‡Working Strength in lbs at 150 F. P. M.	§Max. Speed F. P. M.	Average Ultimate Strength Pounds	Works on Sprockets Number	B	C	D	E	F	G
23	$0.27	.649	185	.25	1	77	700	460	23	.203	5/16	.....	5/16	21/32	11/32
032	.32	.9023	133	.52	2	167	700	1000	032	.219	3/8	11/32	9/16	1 5/32	19/32
34½	.25	1.154	103	.46	1	250	700	1500	34½	.281	5/8	.....	17/32	1⅛	19/32
35	.20	1.630	74	.40	1	167	700	1000	45	.265	11/16	.....	19/32	1 7/32	5/8
39–4 Bar	.36	1.593	75	.60	1	367	700	2200	39	.312	5/16	.....	7/8	1¾	7/8
042 Shoe	.32	1.375	88	.65	1	250	700	1500	42	.281	11/16	.....	5/8	1 5/16	11/16
43-3 Bar	.54	1.519	79	1.05	1	400	700	2400	43	.297	¾	.....	1¼	2½	1¼
44	.23	1.481	81	.55	1	263	700	1580	44	.281	¾	.....	21/32	1⅜	23/32
45 Keeper	.24	1.630	74	.53	1	267	700	1600	45	.297	11/16	.....	5/8	1 5/16	11/16
47 Shoe	.24	1.630	74	.55	1	267	700	1600	45	.297	11/16	.....	21/32	1⅜	23/32
48	.23	2.0	60	.53	1	267	700	1600	48	.297	13/16	.....	23/32	1½	25/32
052	.30	1.516	79	.95	1	383	700	2300	052	.406	¾	.....	25/32	1 9/16	27/32
52½ Heavy	.32	1.519	79	1.16	1	478	600	2866	52½	.406	15/16	.....	7/8	1 27/32	31/32
055 Corrugated	.25	1.633	73	.84	1	350	700	2100	055	.437	11/16	.....	21/32	1⅜	23/32
55 Keeper	.24	1.631	74	.74	1	367	700	2200	55	.359	11/16	.....	21/32	1 13/32	¾
56½	.31	1.661	72	1.06	1	408	700	2450	56½	.391	¾	.....	13/16	1 23/32	29/32
057 Shoe	.25	1.618	74	.80	1	367	700	2200	057	.359	11/16	.....	21/32	1⅜	23/32
58	.35	1.60	75	.80	2	375	700	2250	58	.312	11/16	15/32	¾	1 19/32	27/32
062	.36	1.654	73	1.30	1	550	600	3300	062	.453	7/8	.....	25/32	1 25/32	7/8
62½	.32	1.654	73	1.03	1	517	600	3100	62	.406	7/8	.....	25/32	1 25/32	7/8
063	.37	1.509	80	1.26	2	388	600	2330	063	.359	11/16	½	29/32	1 29/32	1
65	.30	2.128	57	.92	1	410	600	2460	65	.422	7/8	.....	25/32	1 21/32	7/8
66	.35	2.013	60	1.17	1	434	600	2600	66	.422	15/16	.....	7/8	1 13/16	15/16
072	.52	1.654	73	1.95	2	723	600	4340	072	.422	1	11/16	1⅛	2 5/16	1 3/16
72	.45	2.043	59	1.60	1	707	600	4240	72	.422	11/16	.....	29/32	1 29/32	1
072½	.52	1.674	72	1.95	2	717	600	4300	072½	.422	15/16	21/32	1 1/16	2¼	1 3/16
72½	.55	1.654	73	2.00	2	765	600	4590	62	.422	7/8	11/16	1⅛	2 5/16	1 3/16
075	.53	2.073	58	1.90	1	765	600	4590	76½	.531	1⅜	.....	1 3/32	2 9/32	1 3/16
76½	.42	2.073	58	1.50	1	648	600	3890	76½	.531	15/16	.....	7/8	1 7/8	1
83	.55	4.000	30	1.90	2	825	500	4950	83	.469	1 1/16	11/16	1½	3 3/32	1 19/32
88½	.77	2.609	46	3.40	2	1200	500	7200	88½	.609	1 3/16	15/16	1 11/32	2 27/32	1½
104½	1.10	4.520	26	5.00	2	1917	400	11500	104½	.828	1⅝	1 5/16	1 13/16	3 25/32	1 31/32
117	1.30	3.25	37	6.50	2	2400	300	14400	117	.813	1½	1 3/16	1 15/16	4	2 1/16
122	1.46	6.050	20	6.70	2	2500	300	15000	122	.859	3	1 13/32	2 13/16	5⅞	3 1/16
E-1	.42	2.035	59	1.50	1	650	600	3900	E-1	.516	15/16	.....	7/8	1 7/8	1

Shoe Type



Keeper Type
(Notched Head)

Corrugated Hook Type



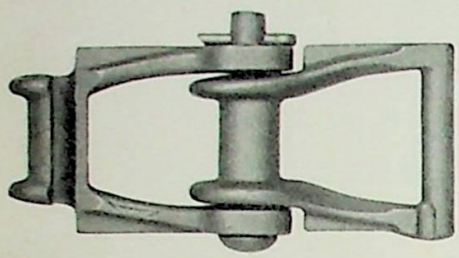
3-Bar Type

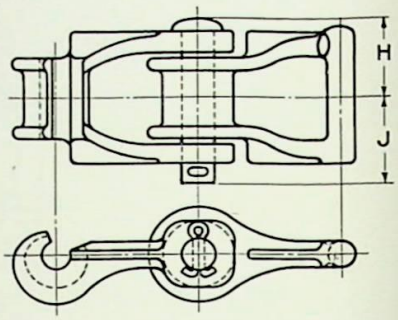
4-Bar Type

For List of Sprockets, see pages 129 to 134 for Cast Iron and 154-155 for Cast Steel

Jeffrey Detachable Link Chains

Couplers





List Price and Dimensions

Chain No. *	Price Per Pair	Weight Per Pair	Dimensions—In. H	Dimensions—In. J	Chain No. *	Price Per Pair	Weight Per Pair	Dimensions—In. H	Dimensions—In. J
25	$0.17	.05	1/2	5/8	**67**	$ 0.30	.6	1 3/16	1 1/4
32	.17	.1	5/8	3/4	**75**	.33	.7	1 3/8	1 1/2
33	.16	.13	5/8	25/32	**77**	.35	.72	1 1/4	1 5/16
34	.18	.13	3/4	13/16	**78**	.44	.95	1 7/16	1 17/32
42	.19	.18	13/16	15/16	83	.55	1.72	1 13/16	1 15/16
45	.18	.21	7/8	15/16	**85**	.62	2.29	2 3/16	2 3/16
50	.22	.22	13/16	15/16	**88**	.50	1.30	1 1/2	1 19/32
51	.24	.18	3/4	27/32	**95**	.68	2.75	2 1/4	2 5/16
52	.23	.3	31/32	1 7/32	**103**	.73	2.68	1 15/16	2 1/32
55	.20	.28	15/16	1 1/8	**108**	.80	3.84	2 9/16	2 11/16
57	.26	.48	1 1/16	1 3/16	**114**	.92	3.87	1 15/16	2 1/16
62	.27	.41	1 1/16	1 1/8	**124**	1.08	5.80	2 9/32	2 13/32

*** Bold Face Type Indicates Carried in Stock Sizes.**

Alphabetical List of Detachable Chain Attachments

Attachment	Chain No.	Attachment	Chain No.	Attachment	Chain No.	Attachment	Chain No.	Attachment	Chain No.	Attachment	Chain No.	Attachment	Chain No.	Attachment	Chain No.	Attachment	Chain No.
A-1	25	A-4	103	D-5	45	E-1	88	G-6	78	K-1	48	K-5	32	M-3	83		
	32	A-11	78		55	F-2	45		88		51		33		88		
	33		88		57		52		103		52		42		103		
	34		103		62		55		124		55		45	M-17	62		
	35	A-12	62		67		57	G-19	78		57		51	R-1	75		
	042	A-14	45		75		67		88		62		52		78		
	42	A-37LA	45		77		75		103		66		55		88		
	45	A-113	77		78		77	G-27	42		67		62	R-3	77		
	51	C-1	25		83		78		45		75	K-6	42	S-1	25		
	52		32		88		85		55		77	K-9	52		33		
	55		34		103		88		62		78	K-40	45		42		
	57		35	DD	114		95	H-1	75		83		62		45		
	62		42	DK	88		103		77		88	K-44	45		51		
	67		45	D-42	55		104½		78		103	K-45½	45		55		
	77		52	D-43	55		108		88		114		55		62		
	78		55	E-1	25		124		103		124	K-48	45	S-5	45		
A-2	45		62		32	F-8	88	H-2	25	K-1		K-52	55		55		
	55		66		33		103		45	Cplr	45	L-2	45	Scrapers			
A-3	42	C-2	34		34		114		57	K-2	85		55	No. 19	55		
	44	C-5	47		35		124		78		95		103	No. 20	55		
	45	C-8	55		42	G-1	45		103		103	L-3	057	No. 22	45		
	48		62		45		52	K-1	25		104½	L-21	55	No. 27	45		
	52	C-15	45		52		67		32		108	M-1	25				
	55	C-27	45		55		75		33		114		32				
	62	C-33	47		57		77		34		122		45				
	62½	D-3	25		67		78		35	K-3	33		55				
	78		32		77		88		42		45	M-3	77				
	88		45		78	G-6	77		45		67		78				
										K-3½	50						

Jeffrey Detachable Link Chains

List Price and Weight of Attachments

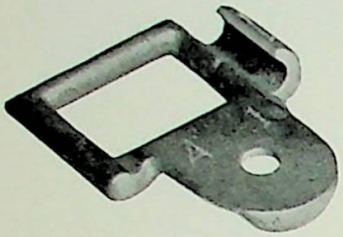
Chain	List Price per Foot	Avg. Weight per ft. Lbs.
No. 25		
***A-1**	$0.36	.4
C-1	.39	.5
*D-3	.60	.4
E-1	.46	.4
H-2	.42	.5
***K-1**	.40	.4
M-1	.50	.4
*S-1	.70	.4
No. 32		
***A-1**	.36	.5
C-1	.39	.8
*D-3	.64	.6
E-1	.40	.5
***K-1**	.43	.8
*K-5	.50	.6
M-1	.90	.8
No. 33		
*A-1	.42	.4
E-1	.34	.4
***K-1**	.37	.6
*K-3	.80	1.0
*K-5	.46	.6
***S-1**	.40	.6
No. 34		
*A-1	.43	.6
C-1	.48	.8
C-2	.45	.9
*E-1	.40	.6
***K-1**	.41	.7
No. 35		
*A-1	.38	.6
C-1	.44	.8
*E-1	.38	.6
*K-1	.46	.8
No. 042		
*A-1	.54	.9
No. 42		
***A-1**	.35	.8
A-3	.70	1.2
C-1	.44	1.1
E-1	.46	.7
G-27	.64	1.2
***K-1**	.42	1.0
*K-5	.60	.9
*K-6	.80	1.3
***S-1**	.43	.8
No. 44		
*A-3	.56	.9
No. 45		
***A-1**	.35	.8
A-2	.52	1.0
*A-3	.56	1.0
A-14	.64	1.1
A-37LA	.56	1.1
C-1	.37	.9
C-15	.56	1.2
C-27	.72	1.3
*D-3	.70	1.3
*D-5	.62	1.2
E-1	.31	.7
F-2	.46	1.0
G-1	.68	.8
G-27	.56	1.0
H-2	$0.74	1.2
***K-1**	.39	.9
*K-1 Cplrs.	pr. .38	1.3
*K-3	.80	1.2
*K-5	.50	.9
***K-40**	.65	1.5
*K-44	.58	1.0
***K-45½**	1.15	2.2
*K-48	.70	1.1
L-2	.36	.8
M-1	.70	1.1
***S-1**	.40	.7
*S-5	.50	.8
Scrapers, Each		
*No. 22	.14	.2
No. 27	.16	.2
No. 47		
C-5	.56	1.3
C-33	.60	1.4
No. 48		
*A-3	.52	1.0
*K-1	.78	1.4
No. 50		
*K-3½	.92	2.5
No. 51		
*A-1	.62	.9
*K-1	.70	1.2
*K-5	.78	1.2
*S-1	.74	1.0
No. 52		
***A-1**	.42	1.0
*A-3	.66	1.3
C-1	.54	1.4
E-1	.60	1.3
F-2	.59	1.6
G-1	.70	1.2
***K-1**	.50	1.3
*K-5	.64	1.2
*K-9	.70	1.2
No. 55		
***A-1**	.37	.9
*A-2	.58	1.2
*A-3	.58	1.3
C-1	.38	1.1
C-8	.76	1.7
*D-5	.68	1.4
*D-42	.60	1.2
*D-43	.78	1.3
***E-1**	.35	1.0
F-2	.52	1.4
G-27	.62	1.3
***K-1**	.42	1.2
*K-5	.62	1.1
***K-45½**	.94	2.4
*K-52	.64	1.3
L-2	.46	.9
L-21	.42	1.1
M-1	.72	1.1
***S-1**	.45	1.0
***S-5**	.45	1.2
Scrapers, Each		
*No. 19	.22	.4
No. 20	.18	.3
No. 057		
L-3	$0.46	1.0
No. 57		
***A-1**	.41	1.3
*D-5	.68	1.7
*E-1	.50	1.2
F-2	.63	1.9
H-2	.80	1.8
***K-1**	.51	1.5
No. 62		
***A-1**	.48	1.5
*A-3	.74	1.5
*A-12	.72	1.8
C-1	.50	1.7
C-8	.94	2.4
***D-5**	.74	1.9
G-27	.68	1.6
***K-1**	.54	1.7
*K-5	.68	1.5
***K-40**	.80	1.9
*M-17	.80	1.5
*S-1	.66	1.5
No. 62½		
*A-3	.74	1.5
No. 66		
C-1	.70	1.9
*K-1	.80	1.9
No. 67		
***A-1**	.51	1.5
D-5	.76	2.0
*E-1	.70	1.7
F-2	.65	2.1
G-1	.80	2.2
***K-1**	.58	1.8
*K-3	1.10	2.4
No. 75		
D-5	.86	2.5
F-2	.70	2.6
G-1	.90	2.5
H-1	.70	2.3
***K-1**	.57	1.8
*R-1	.50	1.4
No. 77		
***A-1**	.56	1.9
*A-113	.72	2.2
*D-5	.76	2.2
*E-1	.64	2.1
F-2	.78	3.1
G-1	.66	2.5
G-6	.88	2.6
H-1	.94	2.4
***K-1**	.66	1.9
M-3	.92	2.7
*R-3	.64	1.8
No. 78		
*A-1	.86	2.6
*A-3	1.10	3.1
*A-11	.76	2.5
*D-5	1.20	3.2
*E-1	.80	2.6
F-2	.84	3.6
G-1	.96	2.7
G-6	1.00	3.3
G-19	1.00	3.3
H-1	$1.24	3.7
H-2	1.20	3.5
***K-1**	.66	2.3
M-3	1.20	3.7
***R-1**	.58	2.2
No. 83		
*D-5	1.10	3.4
*K-1	.96	3.2
M-3	1.20	3.7
No. 85		
F-2	1.46	4.7
***K-2**	1.02	3.7
No. 88		
*A-3	1.24	3.8
***A-11**	.78	3.2
*D-5	1.36	4.2
*DK	1.40	4.4
*E-1	.94	3.0
F-2	.94	4.1
F-8	1.10	4.6
G-1	1.10	3.5
G-6	1.10	3.6
G-19	1.20	4.1
H-1	1.30	3.5
***K-1**	.78	3.1
M-3	1.54	4.2
***R-1**	.68	2.5
No. 95		
F-2	1.60	5.8
***K-2**	1.12	4.7
No. 103		
*A-4	1.30	5.1
*A-11	1.40	4.7
D-5	1.70	5.6
F-2	1.30	6.0
F-8	1.52	6.9
G-6	1.40	6.2
G-19	1.60	6.1
H-1	1.50	5.8
H-2	1.30	5.9
***K-1**	1.12	5.3
K-2	1.16	5.1
L-2	2.00	5.3
M-3	1.90	7.0
No. 104½		
F-2	1.90	7.5
*K-2	2.00	7.6
No. 108		
F-2	1.70	6.0
***K-2**	1.16	4.9
No. 114		
D-D	2.30	8.8
F-8	1.90	7.9
***K-1**	1.50	7.1
*K-2	1.70	7.5
No. 122		
K-2	2.50	9.1
No. 124		
F-2	2.50	9.4
F-8	2.36	11.5
G-6	2.40	10.3
***K-1**	1.90	9.5

Bold Face Type Indicates Carried in Stock Sizes.
* These attachments can be coupled consecutively.

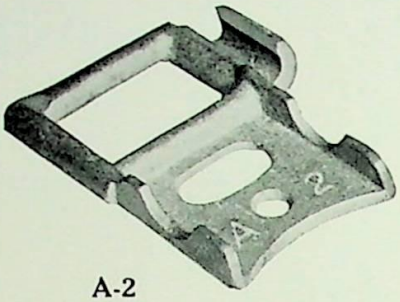
Jeffrey Detachable Link Chains

Attachments

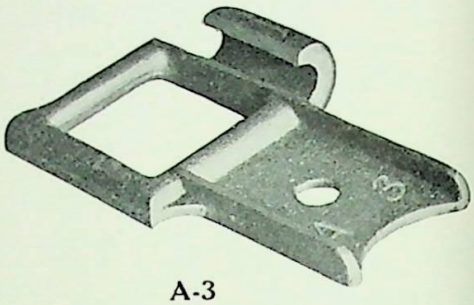
For Dimensions of these Attachments, see pages 22 to 25.



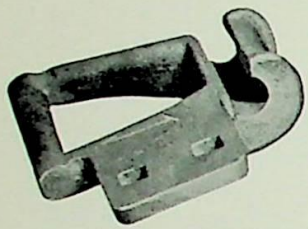
A-1



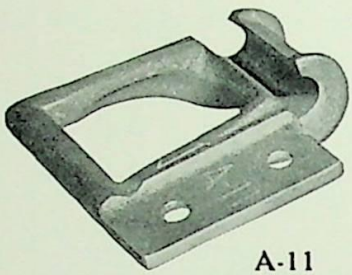
A-2



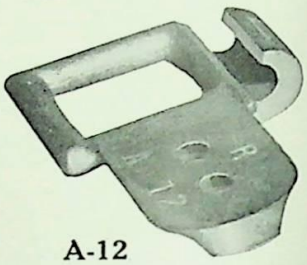
A-3



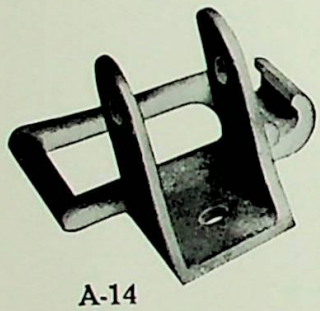
A-4



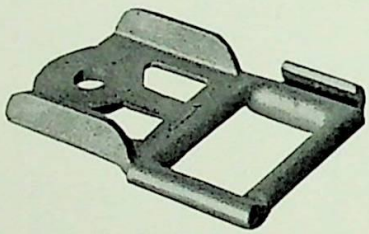
A-11



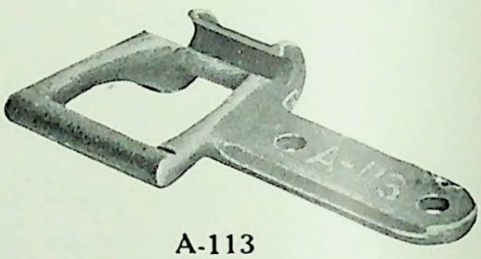
A-12



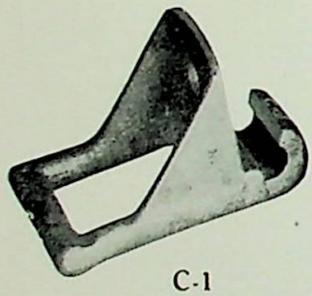
A-14



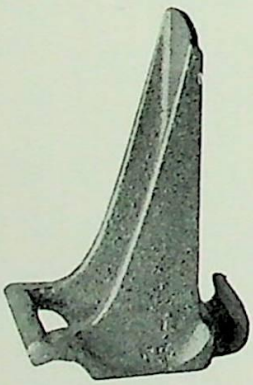
A-37LA



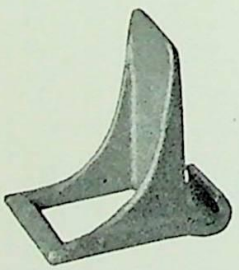
A-113



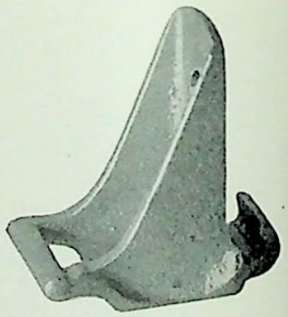
C-1



C-33

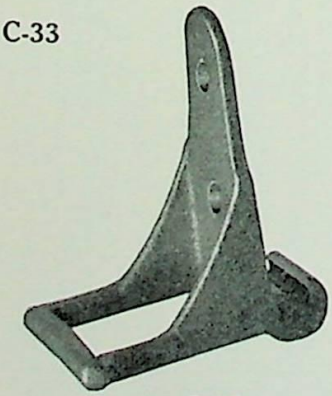


C-2

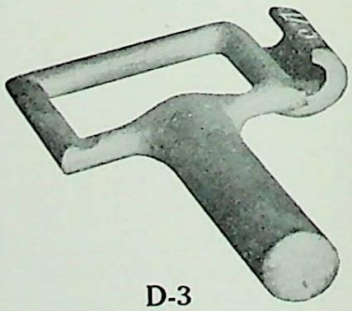


C-8

C-27



C-15

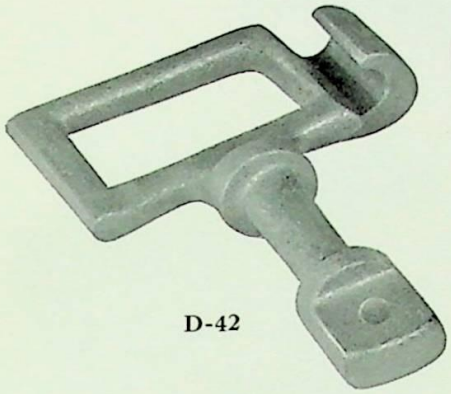


D-3

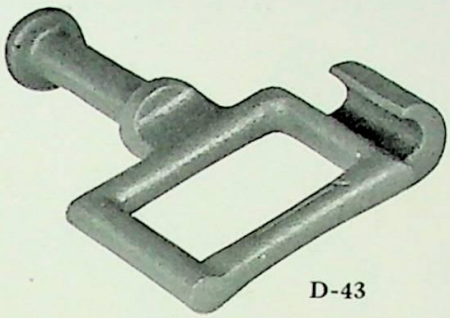
Jeffrey Detachable Link Chains

Attachments

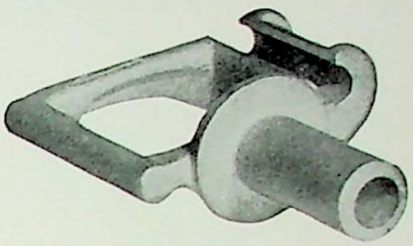
For Dimensions of these Attachments, see pages 22 to 25.



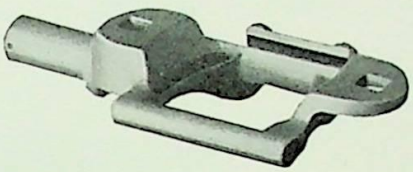
D-42



D-43



D-5



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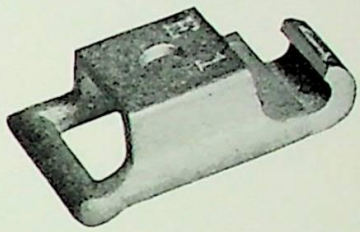
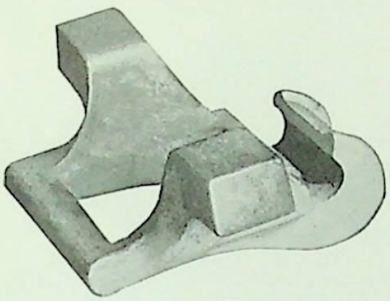
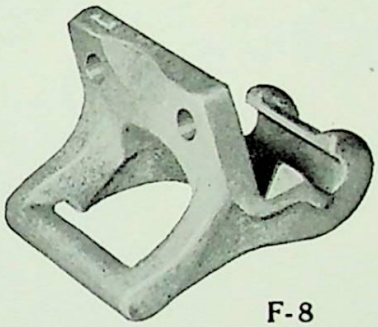


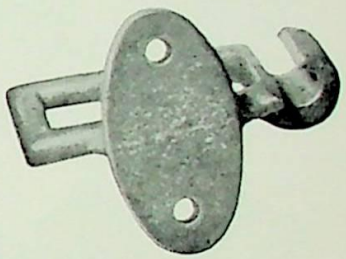
E-1



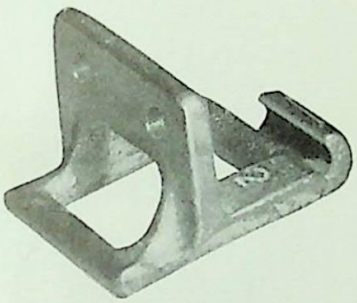
DD



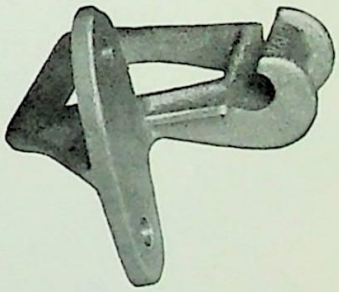
F-8



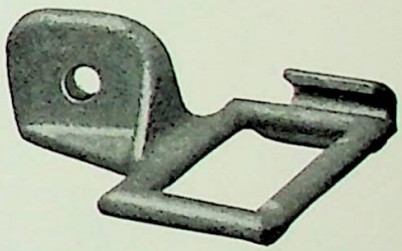
G-1



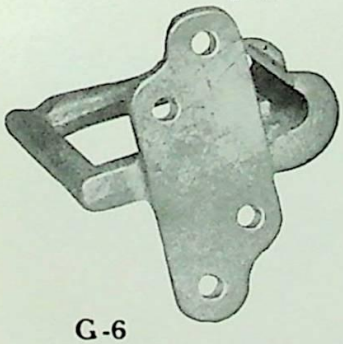
F-2



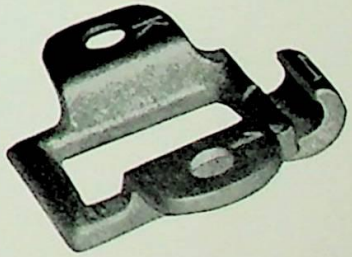
G-19



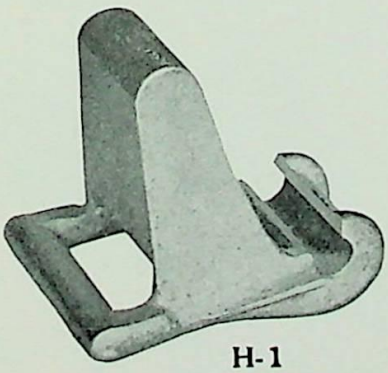
G-27



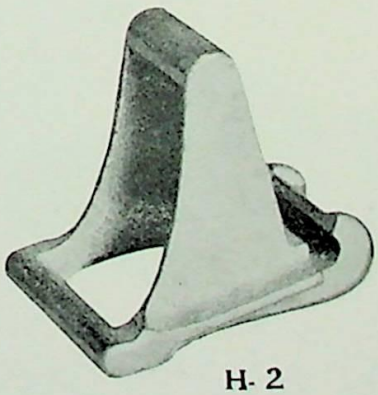
G-6



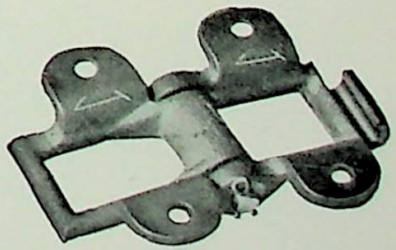
K-1



H-1



H-2

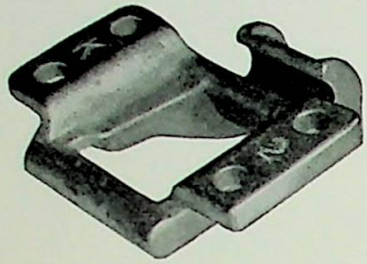


K-1Coupler

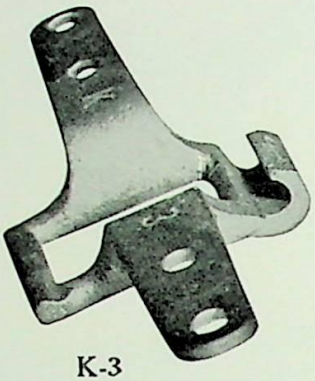
Jeffrey Detachable Link Chains

Attachments

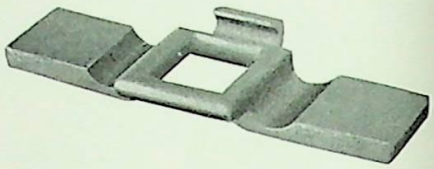
For Dimensions of these Attachments, see pages 22 to 25.



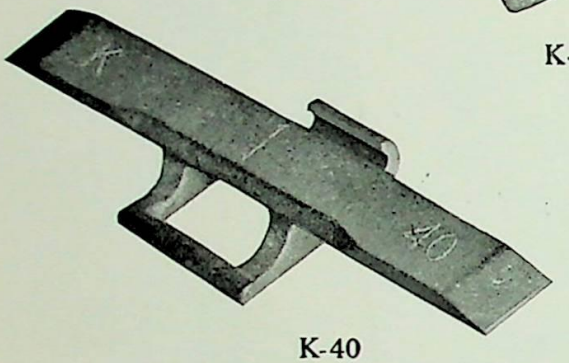
K-2



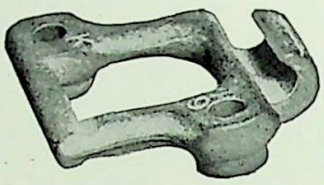
K-3



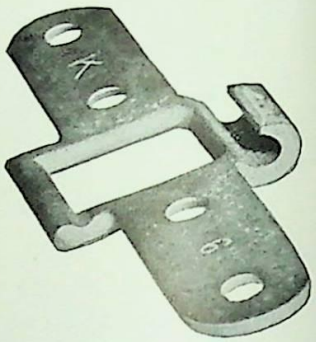
K-3½



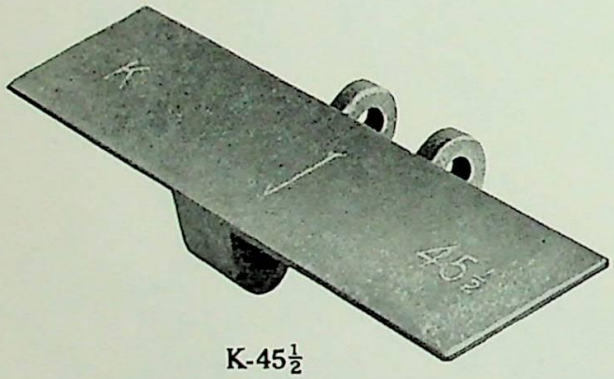
K-40



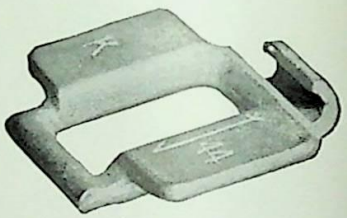
K-9



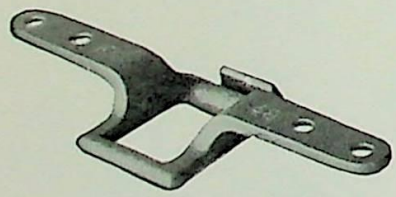
K-6



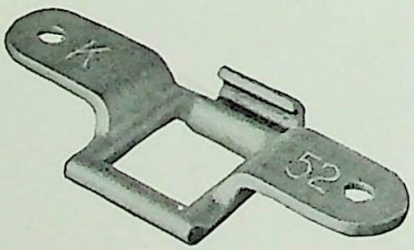
K-45½



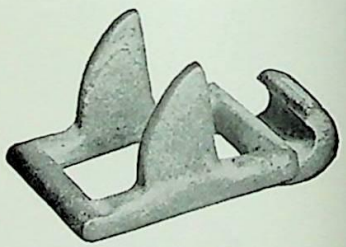
K-44



K-48

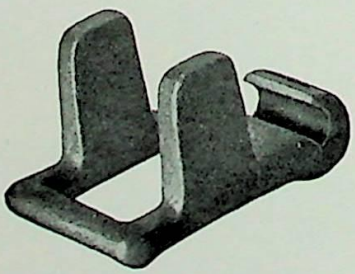


K-52

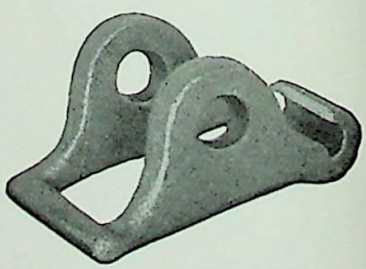


L-2

L-3



L-21

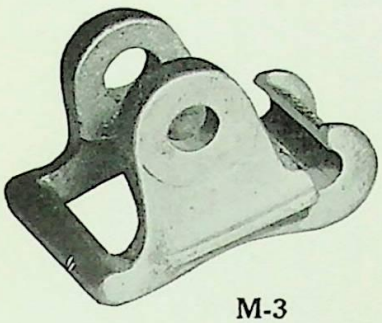


M-1

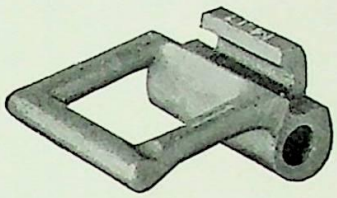
Jeffrey Detachable Link Chains

Attachments

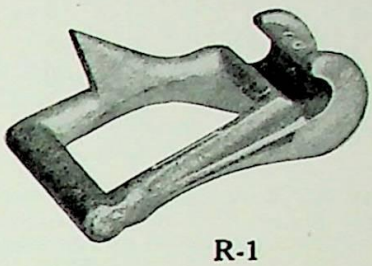
For Dimensions of these Attachments, see pages 22 to 25.



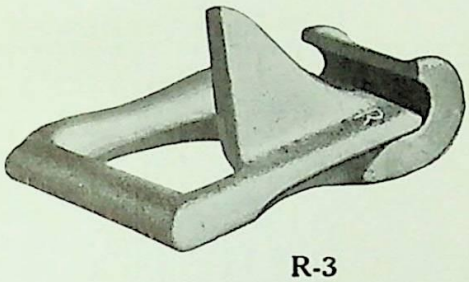
M-3



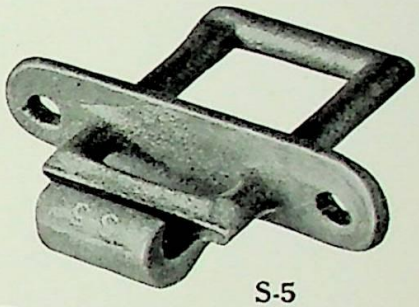
M-17



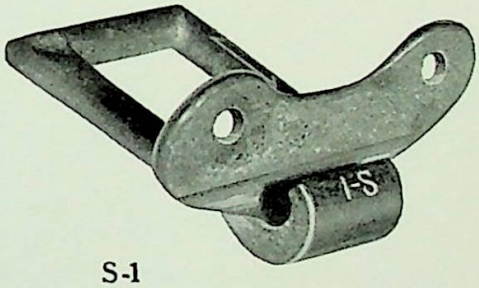
R-1



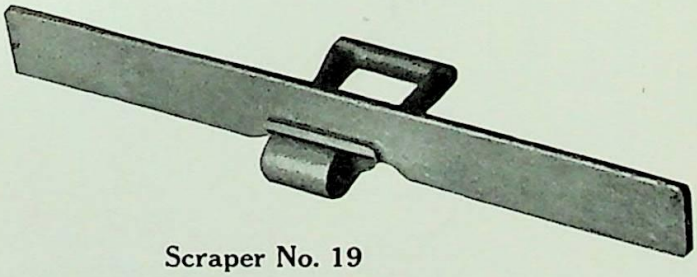
R-3



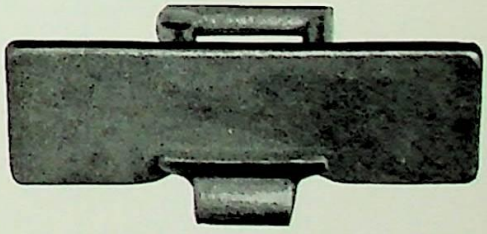
S-5



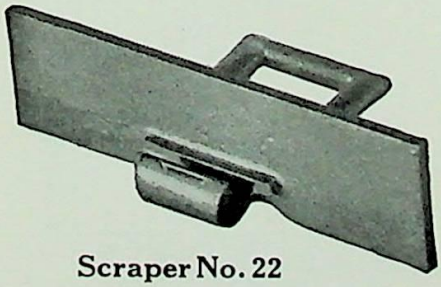
S-1



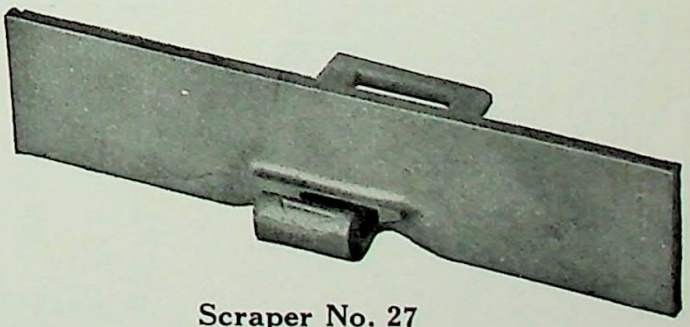
Scraper No. 19



Scraper No. 20



Scraper No. 22

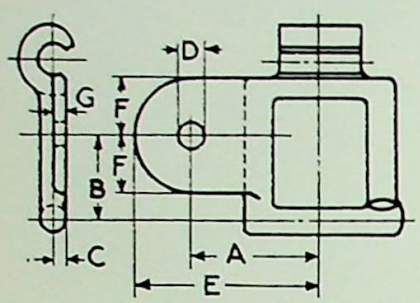


Scraper No. 27

Jeffrey Detachable Link Chains

Dimensions of Attachments

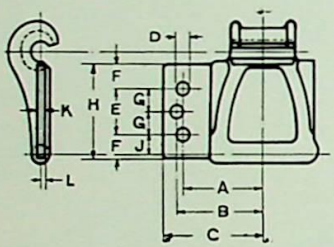
A-1 Attachment



Can be furnished either Right or Left Hand—Left Hand shown here.
Has Round-Countersunk Holes on Nos. 25 to 55, also 62 and 78.
Has Round-Straight Holes on Nos. 57, 67 and 77.

Chain No.	A	B	C	D Diam. of Bolt	E	F	G
25	7/8	7/16	3/32	3/16	1 7/32	23/64	3/32
32	7/8	5/8	3/32	3/16	1 9/64	3/8	1/8
33	13/16	21/32	3/32	3/16	1 3/16	3/8	3/32
34	15/16	11/16	3/32	1/4	1 3/8	15/32	1/8
35	1 3/32	13/16	1/8	1/4	1 1/2	1/2	1/8
42	1 3/32	21/32	3/32	1/4	1 19/32	1/2	1/8
042	1 1/32	3/4	3/32	1/4	1 1/2	1/2	3/16
45	1 1/8	7/8	1/8	1/4	1 11/16	9/16	5/32
51	29/32	19/32	1/8	3/16	1 9/32	3/8	1/8
52	1 3/16	25/32	1/8	1/4	1 21/32	15/32	1/8
55	1 1/8	7/8	1/8	1/4	1 11/16	9/16	5/32
57	1 1/2	1 1/8	3/16	1/4	2 13/32	7/8	3/16
62	1 7/16	27/32	1/8	1/4	2 1/16	5/8	3/16
67	1 9/16	1 1/4	3/16	1/4	2 7/16	13/16	3/16
77	1 9/16	1 1/4	3/16	1/4	2 7/16	3/4	7/32
78	1 3/4	1 11/32	7/32	5/16	2 11/16	29/32	9/32

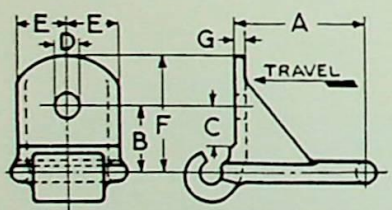
A-11 Attachment



Can be furnished either Right or Left Hand—Left Hand shown here.
Has Round-Countersunk Holes on Nos. 78 and 88.
Has Round-Straight Holes on No. 103.

Chain No.	A	B	C	D Diam. of Bolts	No. of Holes	E	F	G	H	J	K	L
78	1 13/16	.....	2 11/32	5/16	2	1 5/16	5/8	.....	2 9/16	7/16	3/16	3/32
88	1 13/16	.....	2 13/32	5/16	2	1 5/16	5/8	.....	2 19/32	7/16	3/16	3/32
103	2 1/16	2 7/32	2 29/32	5/16	3	1 7/8	9/16	15/16	3	5/16	3/16	3/32

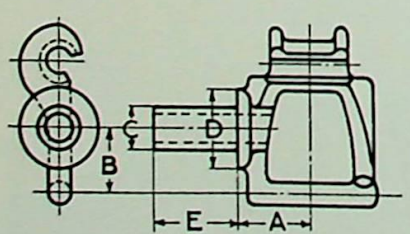
C-1 Attachment



Has Round-Straight Holes for Bolts.

Chain No.	A	B	C	D Diam. of Bolt	E	F	G
25	3/4	15/32	7/16	1/8	9/32	3/4	1/16
32	1	5/8	1/2	1/4	13/32	1 1/8	3/32
34	1 7/32	21/32	9/16	1/4	15/32	1 7/32	3/32
35	1 3/8	13/16	9/16	1/4	17/32	1 7/32	3/32
42	1 1/8	3/4	1/2	1/4	17/32	1 3/16	3/32
45	1 3/8	23/32	1/2	1/4	17/32	1 5/32	3/32
52	1 7/32	3/4	5/8	1/4	5/8	1 5/16	1/8
55	1 11/32	11/16	1/2	1/4	19/32	1 3/16	3/32
62	1 9/32	7/8	5/8	1/4	11/16	1 1/8	1/8
66	1 5/8	13/16	21/32	1/4	3/4	1 5/16	1/8

D-5 Attachment



Can be furnished either Right or Left Hand—Left Hand shown here.

Chain No.	A	B	C	D	E
45	3/4	7/8	1/2	7/8	1
55	7/8	13/16	7/16	15/16	1 5/16
57	1 1/16	1 1/8	5/8	1 3/16	1 3/16
62	7/8	13/16	1/2	1	1 3/4
67	1 3/16	1 3/16	1/2	1 3/16	1 1/2
75	1 1/4	1 3/16	7/8	1 11/16	1 7/16
77	1 3/16	1 1/8	5/8	1 9/32	1 1/2
78	1 1/2	1 5/16	7/8	1 5/8	1 3/4
83	1 3/4	2	7/8	1 7/8	1 3/4
88	1 1/2	1 5/16	7/8	1 5/8	1 13/16
103	1 3/4	1 17/32	7/8	1 3/4	1 3/4

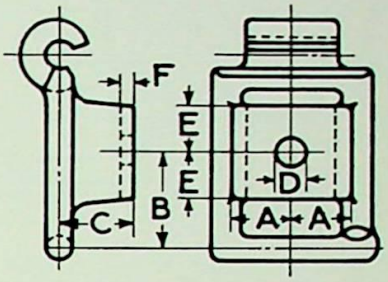
Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Detachable Link Chains

Dimensions of Attachments

E-1 Attachment

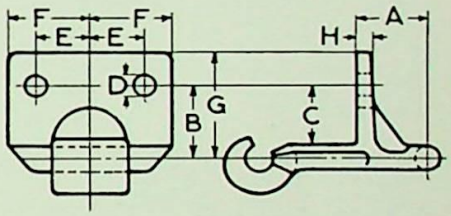
Chain No.	A	B	C	D Diam. of Bolts	E	F
25	1/4	1/2	5/16	1/8	7/32	1/16
32	5/16	9/16	13/32	3/16	9/32	1/16
33	5/16	11/16	11/32	3/16	11/32	3/32
34	3/8	11/16	11/32	3/16	11/32	3/32
35	7/16	13/16	1/2	3/16	13/32	3/32
42	7/16	11/16	7/16	3/16	3/8	3/32
45	7/16	13/16	1/2	3/16	13/32	3/32
52	9/16	3/4	5/8	1/4	11/32	1/8
55	1/2	13/16	9/16	1/4	7/16	1/8
57	9/16	1 5/32	5/8	1/4	9/16	1/8
67	25/32	1 5/32	21/32	1/4	9/16	1/8
77	3/4	1 5/32	13/16	1/4	9/16	1/8
78	7/8	1 3/8	13/16	1/4	19/32	1/8
88	13/16	1 5/8	13/16	3/8	21/32	1/8



Has Round-Straight Holes on Nos. 25, 32, 33, 35, 55.
Has Round-Countersunk Holes on Nos. 34, 42, 45, 52,
Has Square-Countersunk Holes on Nos. 57, 67, 77, 78, 88.

F-2 Attachment

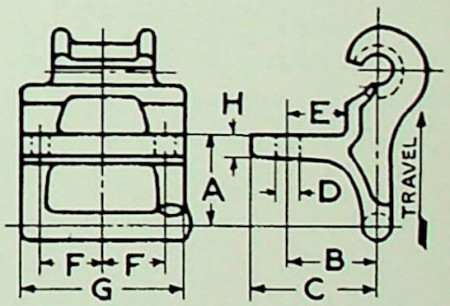
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
45	5/8	3/4	9/16	3/16	17/32	3/4	1 3/32	1/8
52	5/8	15/16	21/32	3/16	17/32	27/32	1 1/4	5/32
55	11/16	29/32	5/8	3/16	17/32	25/32	1 1/4	5/32
57	15/16	1 3/16	13/16	1/4	25/32	1 1/16	1 5/8	7/32
67	1 1/16	1 1/16	3/4	1/4	25/32	1 1/16	1 17/32	7/32
75	1	1 1/4	15/16	5/16	25/32	1 5/32	1 5/8	1/4
77	1 3/16	1 3/8	15/16	5/16	7/8	1 1/4	1 15/16	1/4
78	1 1/8	1 13/32	31/32	5/16	7/8	1 9/32	2	9/32
85	1 3/4	1 13/16	1 1/4	3/8	1 1/2	2	2 17/32	9/32
88	1 1/4	1 3/8	7/8	5/16	1	1 13/32	2	1/4
95	1 13/16	1 13/16	1 3/16	3/8	1 1/2	2 1/32	2 5/8	9/32
103	1 5/16	1 13/16	1 1/4	3/8	1 1/16	1 17/32	2 9/16	9/32
104 1/2	2 21/32	2	1 5/16	3/8	1 3/32	1 13/16	2 3/4	11/32
108	2 5/16	1 13/16	1 1/4	3/8	1 7/8	2 5/16	2 23/32	5/16
124	1 11/16	2	1 3/8	3/8	1 7/16	1 5/32	2 5/8	3/8



Has Round-Straight Holes for Bolts.

F-8 Attachment

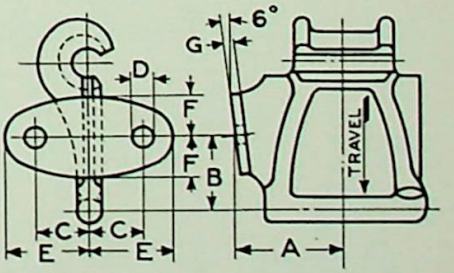
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
88	1 9/16	1 7/16	2	5/16	15/16	1	2 3/4	13/32
103	2 11/32	2	2 1/2	3/8	1 7/16	1 1/16	3	7/16
114	1 7/8	1 1/2	2 1/4	3/8	7/8	1	3 1/2	7/16
124	2 7/16	2 3/32	2 7/8	1/2	1 7/16	1 1/4	4	17/32



Has Round-Straight Holes for Bolts

G-1 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
45	23/32	13/16	17/32	3/16	7/8	13/32	3/32
52	7/8	3/4	17/32	3/16	27/32	13/32	1/8
67	1 11/32	1 1/8	1 5/16	1/4	1 5/8	5/8	3/16
75	1 5/16	1 5/16	1 5/16	5/16	1 21/32	21/32	3/16
77	1 5/16	1 1/8	1 5/16	1/4	1 5/8	5/8	3/16
78	1 1/2	1 5/16	1 5/16	1/4	1 5/8	5/8	3/16
88	1 1/2	1 5/16	1 5/16	1/4	1 21/32	5/8	3/16

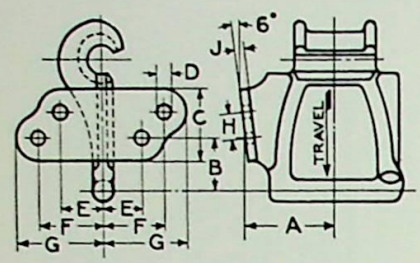


Can be furnished either Right or Left Hand—Left Hand shown here. Has Round-Straight Holes for Bolts.

Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Detachable Link Chains

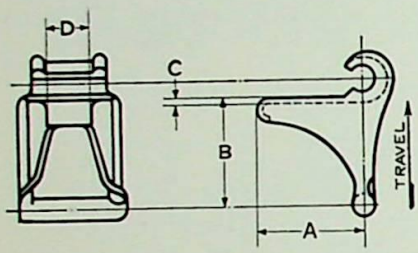
Dimensions of Attachments



Can be furnished either Right or Left Hand—Left Hand shown here. Has Round-Straight Holes for Bolts.

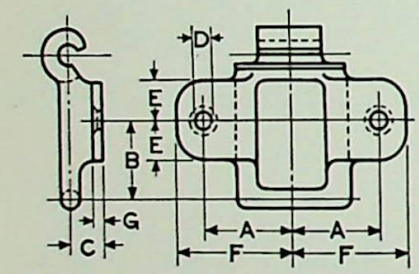
G-6 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J
77	1 5/16	7/8	1 3/8	1/4	5/8	1 3/16	1 5/8	1/2	3/16
78	1 1/2	1	1 1/2	1/4	7/8	1 17/32	1 31/32	9/16	1/4
88	1 1/2	1	1 15/32	1/4	7/8	1 17/32	1 31/32	9/16	1/4
103	2 1/16	1 1/4	2 1/16	3/8	7/8	1 17/32	2 1/16	9/16	1/4
124	2 13/16	1 1/2	2 3/8	3/8	15/16	1 13/16	2 7/16	1	5/16



H-2 Attachment

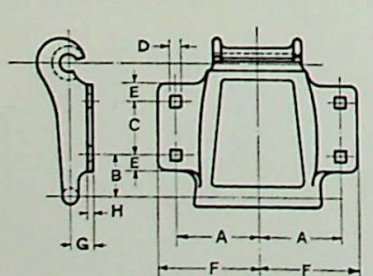
Chain No.	A	B	C	D
25	15/32	13/16	3/32	5/8
45	1 7/16	1 7/16	3/32	7/8
57	2 3/16	2	3/32	1 1/16
78	2 11/16	2 3/16	1/8	1 3/8
103	2 3/8	2 1/4	3/16	2



Has Round-Countersunk Holes on Nos. 25 to 66.
Has Square-Countersunk Holes on Nos. 67 to 103.
Has Square-Straight Holes on Nos. 114, 124.

K-1 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
25	5/8	1/2	11/32	1/8	7/32	7/8	3/32
32	7/8	19/32	3/8	3/16	5/16	1 3/32	3/32
33	11/16	11/16	7/16	3/16	3/8	1 1/16	3/32
34	27/32	25/32	7/16	3/16	13/32	1 1/8	1/8
35	1	27/32	13/32	3/16	7/16	1 11/32	1/8
42	1	11/16	11/32	3/16	13/32	1 11/32	1/8
45	1	25/32	3/8	3/16	7/16	1 5/16	1/8
48	1 5/16	1 1/32	19/32	1/4	5/8	1 3/4	5/32
51	7/8	5/8	7/16	3/16	5/16	1 7/32	1/8
52	1 3/16	23/32	3/8	3/16	15/32	1 17/32	1/8
55	1	25/32	13/32	3/16	7/16	1 11/32	1/8
57	1 1/2	1 1/8	5/8	1/4	9/16	1 31/32	1/8
62	1 3/16	27/32	15/32	1/4	7/16	1 5/8	5/32
66	1 3/8	1	11/16	1/4	1/2	1 31/32	5/32
67	1 1/2	1 1/16	11/16	1/4	17/32	2	5/32
75	1 13/32	1 3/16	5/8	1/4	23/32	1 29/32	5/32
77	1 1/2	1 1/8	21/32	1/4	21/32	1 15/16	5/32
78	1 11/16	1 1/4	5/8	1/4	11/16	2 1/8	5/32
83	2	2	7/8	3/8	13/16	2 3/4	9/32
88	1 29/32	1 1/4	3/4	5/16	11/16	2 3/8	3/16
103	2 3/32	1 1/2	7/8	3/8	7/8	2 19/32	1/4
114	2 13/32	1 5/8	7/8	1/2	15/16	3 5/32	5/16
124	3	2 1/16	1	5/8	1 5/16	4	5/16



Has Square-Countersunk Holes on Nos. 85, 95, 108.
Has Round-Straight Holes on Nos. 103, 104½, 114.
Has Square-Straight Holes on No. 122.

K-2 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
85	2 19/32	1 1/8	1 3/4	3/8	13/32	3 3/32	13/16	3/16
95	2 5/8	1 1/8	1 5/8	3/8	15/32	3 1/16	13/16	7/32
103	2 1/16	13/16	1 1/2	1/2	15/32	2 11/16	13/16	5/16
104½	2 3/4	1 1/2	1 19/32	3/8	9/16	3 3/8	7/8	9/32
108	3 1/8	1 5/32	2 5/16	3/8	1/2	3 21/32	5/8	1/4
114	2 1/8	13/16	1 1/2	1/2	1/2	2 11/16	13/16	13/32
122	3 3/4	1 7/8	2 3/4	3/8	5/8	4 1/2	1 5/32	9/32

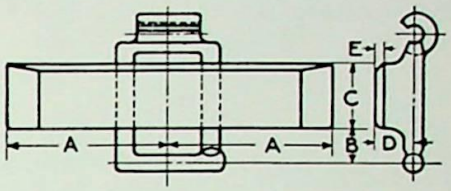
Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Detachable Link Chains

Dimensions of Attachments

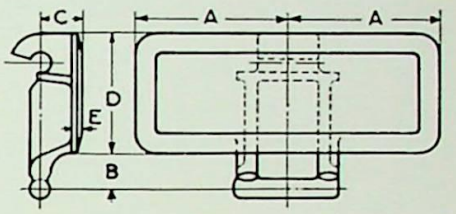
K-40 Attachment

Chain No.	A	B	C	D	E
45	2 5/16	3/8	13/16	1/2	1/8
62	2 1/2	19/32	27/32	9/16	3/16



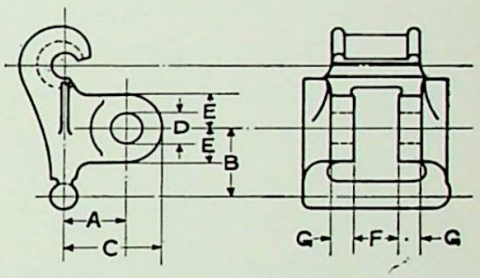
K-45½ Attachment

Chain No.	A	B	C	D	E
45	2 1/4	3/8	17/32	1 9/16	1/8
55	2 1/4	15/32	1/2	1 9/16	1/8



M-3 Attachment

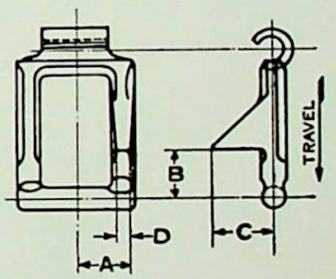
Chain No.	A	B	C	D Diam. of Bolts	E	F	G
77	1 3/16	1 3/16	1 13/16	1/2	5/8	15/16	9/32
78	1 1/4	1 7/16	1 7/8	5/8	11/16	1	3/8
83	1 7/16	2	2 1/8	5/8	11/16	1 3/16	7/16
88	1 1/4	1 3/8	1 7/8	5/8	5/8	1	7/16
103	1 3/8	1 17/32	2 1/8	5/8	3/4	1 1/16	17/32



Has Round-Straight Holes for Bolts.

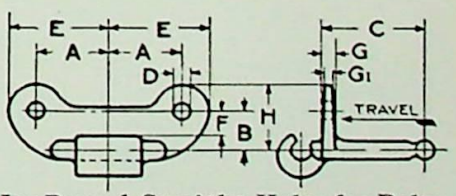
R-1 Attachment

Chain No.	A	B	C	D
75	1	13/16	1	7/32
78	1 3/16	13/16	1 1/8	7/32
88	1 1/4	13/16	1	1/4



S-1 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	G1	H
25	17/32	5/16	3/4	3/16	3/4	1/4	3/16	1/16	17/32
33	27/32	13/32	1 3/16	3/16	1 3/32	5/16	3/16	3/32	3/4
42	27/32	13/32	1 3/32	3/16	1 1/8	1/4	3/16	3/32	3/4
45	27/32	13/32	1 11/32	3/16	1 1/8	1/4	3/16	3/32	3/4
51	11/16	7/16	1	3/16	1 1/16	1/4	3/16	3/32	3/4
55	27/32	13/32	1 3/8	3/16	1 5/32	1/4	3/16	3/32	13/16
62	1	15/32	1 5/16	1/4	1 3/8	5/16	3/16	3/32	13/16

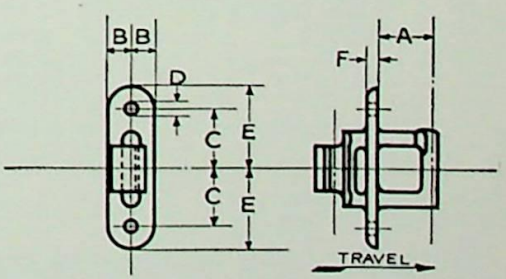


Has Round-Straight Holes for Bolts.

S-5 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F
45	29/32	21/64	15/16	3/16	1 1/4	
55	13/16	11/32	15/16	3/16	1 7/32	5/32

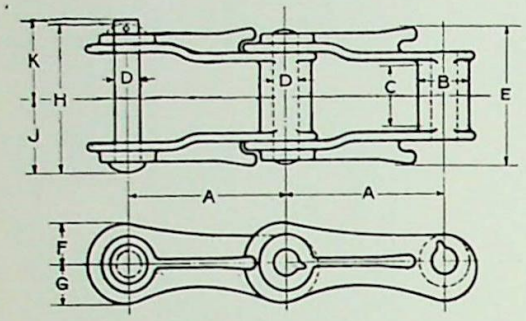
Bold Face Type Indicates Carried in Stock Sizes.

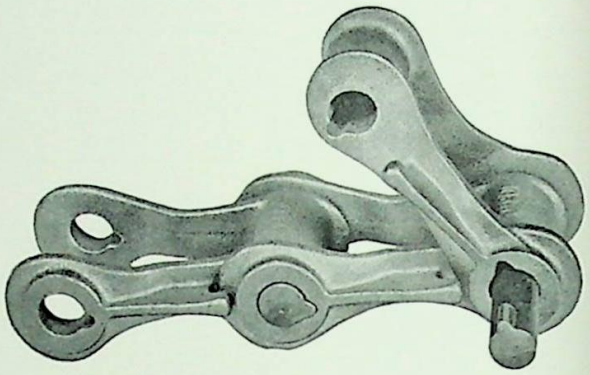


Has Round-Straight Holes for Bolts.

Jeffrey Mey-Oborn Detachable Chains

The Mey-Oborn Chain is primarily a light drive chain and is the first step removed from the Detachable Chain by having a separate pin. Its particular feature is that the chain is so assembled as to positively retain its pin in place without having a head on one end or being riveted over on the other end. This feature makes the chain quite easy to install but somewhat limited to those conditions which are about free from abrasive grit or dirt.





Dimensions of Plain Chain

Chain No.	A Pitch Inches	Approx. Links in 10 Feet	Approx. Weight per Foot in Lbs.	‡Working Strength in Lbs. at 150 F. P. M.	§ Max. Speed Ft. per Min.	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Diam. of Barrel	C Max. Width of Sprocket	D Dia. of Pin	E Over-all	F	G	H	Coupling J	Coupling K
42	1.375	88	1.09	480	700	3000	42 Det.	.562	5/8	15/64	1 17/32	3/8	3/8	1 3/4	7/8	1 15/16
52	1.506	80	1.48	610	600	4750	52 Det.	.688	5/8	9/32	1 21/32	13/32	7/16	1 7/8	15/16	1 1/32
55	1.631	74	1.40	600	600	4925	55 Det.	.718	11/16	9/32	1 21/32	7/16	15/32	1 7/8	15/16	1 1/32
62	1.654	73	1.92	850	600	5850	62 Det.	.812	13/16	21/64	1 15/16	7/16	1/2	2 1/8	1 1/16	1 3/16
77½	2.297	52	2.32	1090	600	8300	77 Det.	.718	11/16	23/64	1 15/16	9/16	9/16	2 3/16	1 3/32	1 7/32
88	2.609	46	2.63	1390	500	8300	88 Det.	.876	15/16	7/16	2 1/2	9/16	9/16	2 3/4	1 3/8	1 15/32
103	3.075	39	5.29	2250	500	13530	103 Det.	1.218	1 1/8	19/32	3 1/16	3/4	7/8	3 1/2	1 3/4	1 29/32

‡Working Strength in table increased or decreased for speeds other than 150 feet per minute, see page 121.

§Economical Speeds are not over half of maximum speeds.

List Price of Chains and Attachments

Chain No.	Kind	Price Per Foot—Chain With: Malleable Double Dowel Pins	Price Per Foot—Chain With: Steel Rivet Pins	Price Per Foot—Chain With: Steel Coupling Pins and Cotters	Average Weight per Foot in Lbs.	Price Per 100—Pins Only: Malleable Double Dowel Pins	Price Per 100—Pins Only: Steel Rivet Pins	Price Per 100—Pins Only: Steel Coupling Pins and Cotters	Average Weight per 100 in Lbs.
42	Plain	$1.00	$1.05	$1.20	1.09	$1.50	$1.50	$3.50	2.00
42	All K-1	1.40	1.45	1.60	1.57				
52	Plain	1.00	1.05	1.20	1.48	2.00	2.00	4.00	3.00
52	All K-1	1.50	1.55	1.70	1.92				
55	Plain	.90	.95	1.10	1.40	2.00	2.00	4.00	3.00
55	All K-1	1.20	1.25	1.40	1.77				
62	Plain	1.00	1.05	1.20	1.92	2.50	2.50	4.50	4.00
62	All K-1	1.35	1.40	1.55	2.41				
77½	Plain	1.00	1.05	1.20	2.32	2.50	3.00	5.00	5.00
77½	All F-2 Spec.	1.50	1.55	1.70	3.22				
88	Plain	1.10	1.20	1.35	2.63	5.00	5.50	8.00	12.50
88	All F-2	1.80	1.90	2.05	3.68				
88	All K-1	1.55	1.65	1.80	3.53				
103	Plain	*1.90	2.00	2.15	5.29	*18.00	18.00	21.00	25.00
103	All F-2	*2.75	2.85	3.00	7.35				
103	All K-1	*2.75	2.85	3.00	7.45				
103	All K-2	*2.90	3.00	3.15	7.85				

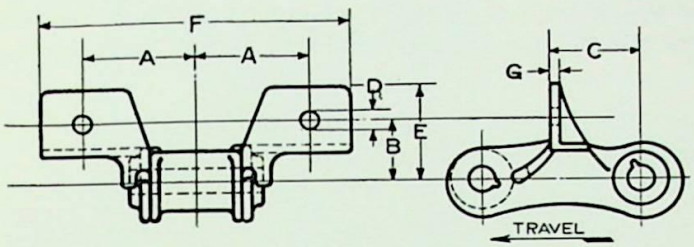
*Double Dowel Pins for No. 103 are Steel. All others Malleable.

All sizes can be furnished riveted or with coupling pins and cotters. Unless otherwise specified, chain will be furnished with double dowel pins.

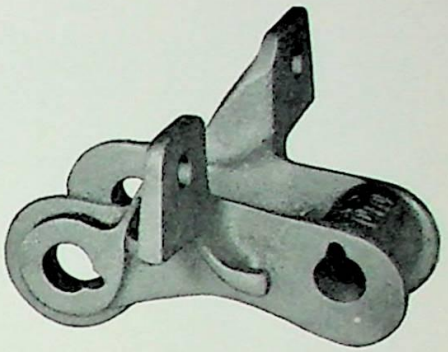
For List of Sprockets, see pages 130 to 134 for Cast Iron and 154-155 for Cast Steel.

Jeffrey Mey-Oborn Detachable Chains

Attachments—Made on Order Only

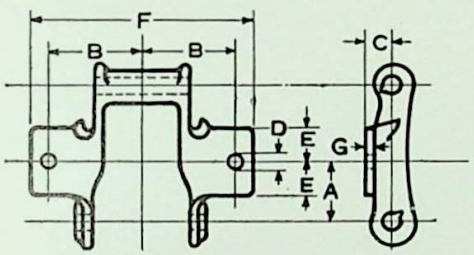


Has Round-Straight Holes for Bolts

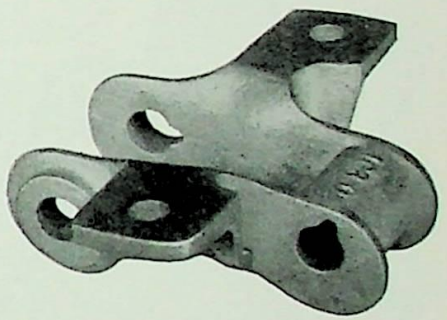


F-2 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	Attachment Name
77½	1⅝	1 3/32	1¼	5/16	1⅜	4 1/16	5/32	F-2 Special
88	1 5/16	1 1/16	1 9/16	5/16	1 11/16	5¼	3/16	F-2
103	2⅜	1 15/32	1⅝	⅜	2 1/16	6¼	¼	F-2

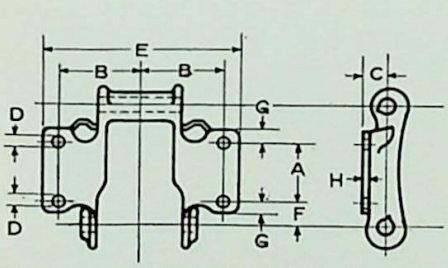


All Sizes have Round-Straight Holes except No. 88 which has Square Countersunk

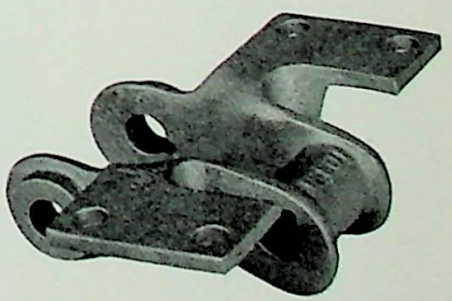


K-1 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
42	¾	1 3/16	5/8	¼	⅜	3	3/32
52	7/8	1 9/32	5/8	¼	⅜	3¼	⅛
55	1 3/16	1¼	5/8	¼	⅜	3⅛	⅛
62	31/32	1 9/32	¾	¼	7/16	3⅜	⅛
88	1 5/16	1 13/16	13/16	5/16	5/8	4⅝	3/16
103	1¾	2 7/16	1⅛	7/16	¾	6⅛	¼



Has Round-Straight Holes for Bolts

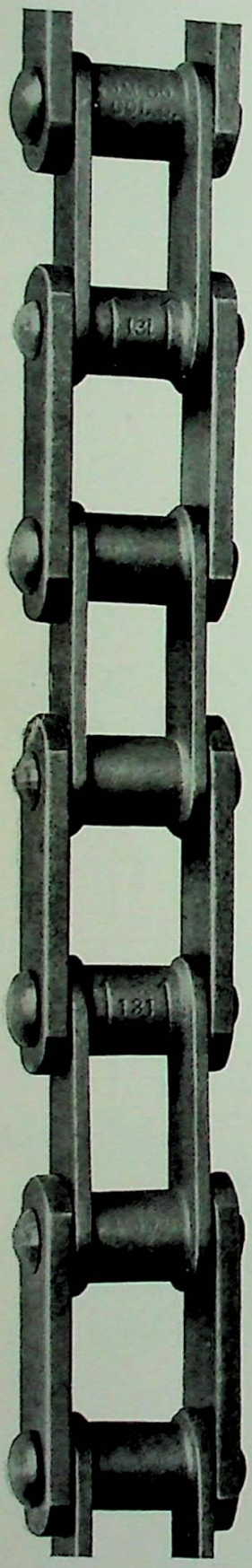


K-2 Attachment

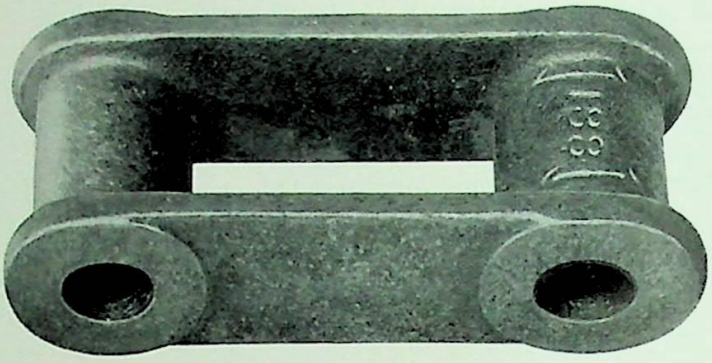
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
103	1⅝	2⅝	1	⅜	6⅛	1½	7/16	¼

Jeffrey Hercules Chains

A Combination Malleable Iron and Steel Chain



Designed especially for extra heavy work in handling gritty material in Cement Plants, Chemical Works, Mines etc., and is also extensively used for general elevating and conveying work.



THE Hercules Chain is the first step toward the all steel type of chain and therefore makes a very economical chain in consideration of not only its wearing qualities but especially of its ability to withstand shocks.

In the regular Hercules Chain, the block links are made of high quality malleable iron with the side bars and pins of .40 carbon steel. However, when desired the block links can be made of high carbon cast steel, or where greater strength is required, the block links can be made of alloy cast steel with the side bars and pins heat treated.

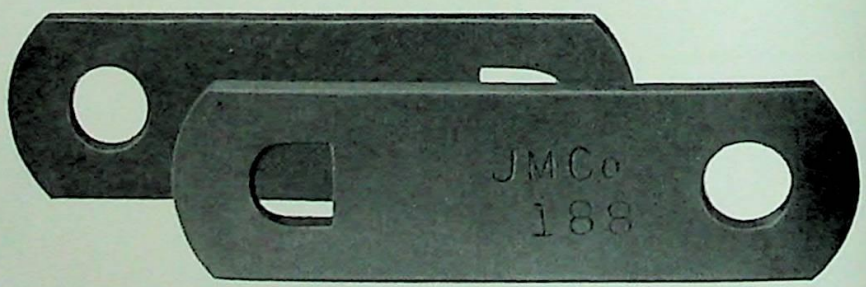
The Hercules chain is often used as the intermediate step in service between Reliance and Peerless Chains.

Its application is for drives of moderate speed and quite extensively for elevators and conveyors where it is well fitted for the handling of gritty materials. In elevator service it is usually attached to buckets in single and double strands and in conveyors of single or multiple strands with or without pusher attachments.

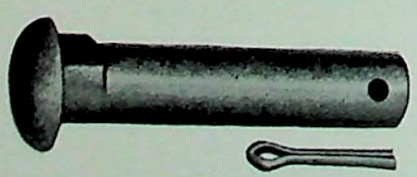
Large quantities of Hercules Chain are used in the lumber industry for conveying logs, planks and refuse and also in the paper industry for handling pulp wood.

A practically dust proof chain of very simple construction.

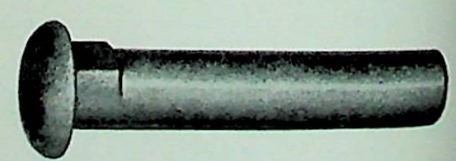
A substitute for many Detachable Link Chains, see page 14.



Interchangeable Side Bars



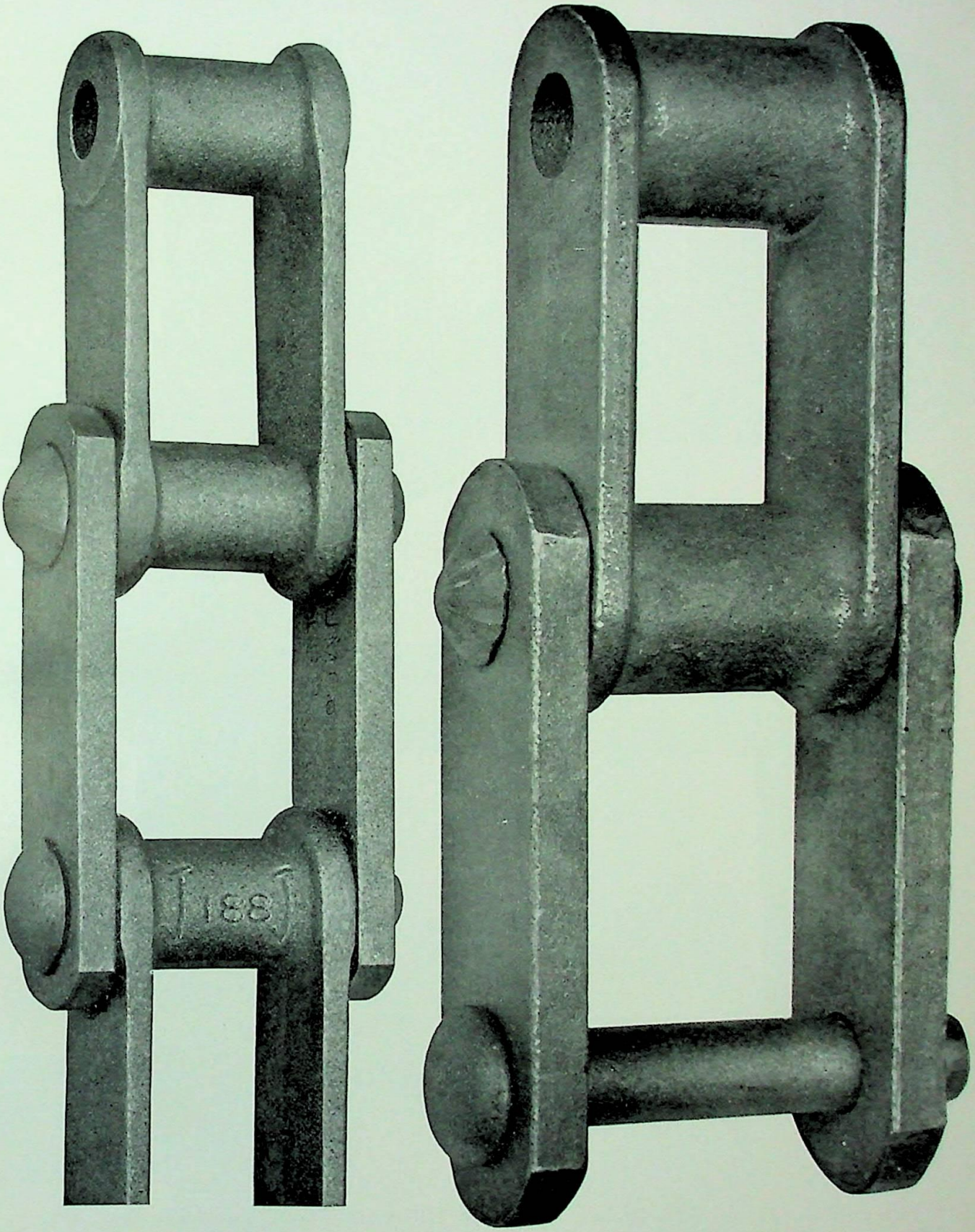
Coupling Pin



Rivet Pin

Jeffrey Hercules Chains

Shown approximately actual size.

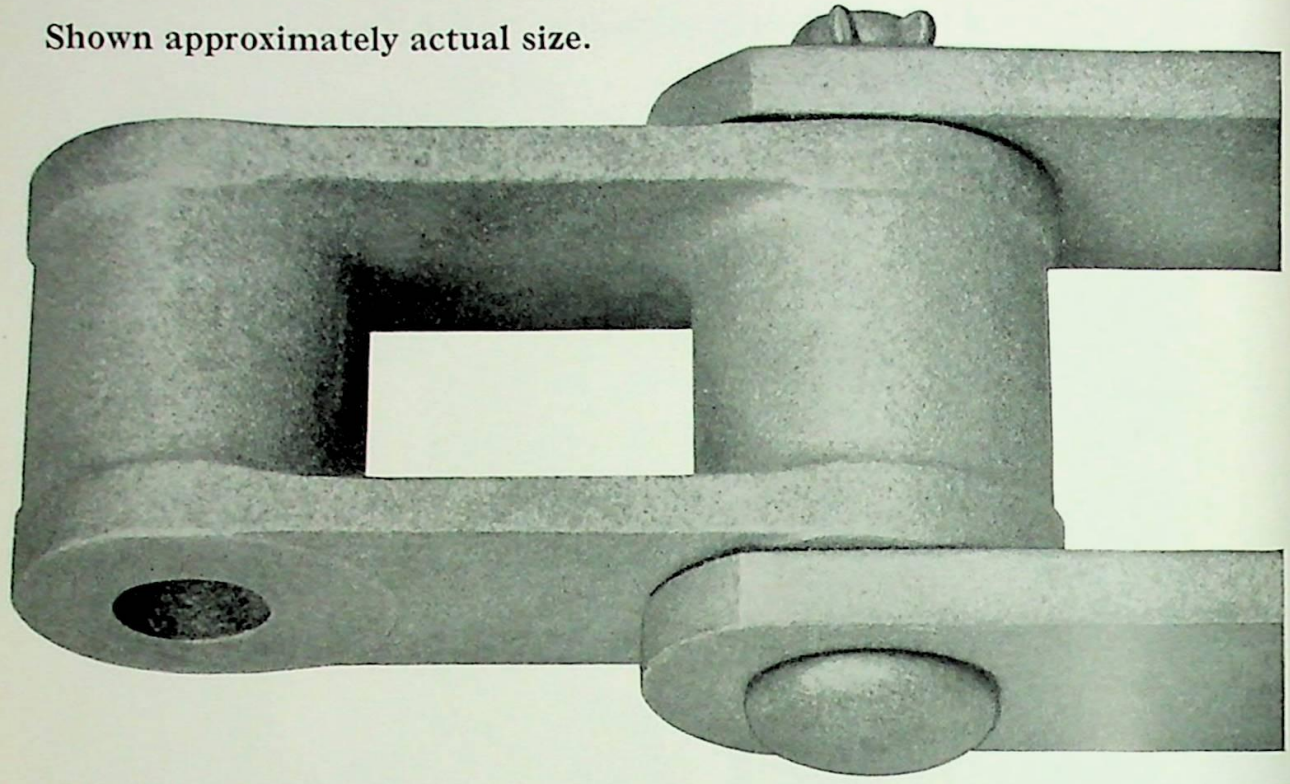


No. 188—Pitch 2.609 inches. Average Ultimate Strength 14,000 lbs. Use Sprockets No. 88 Detachable.

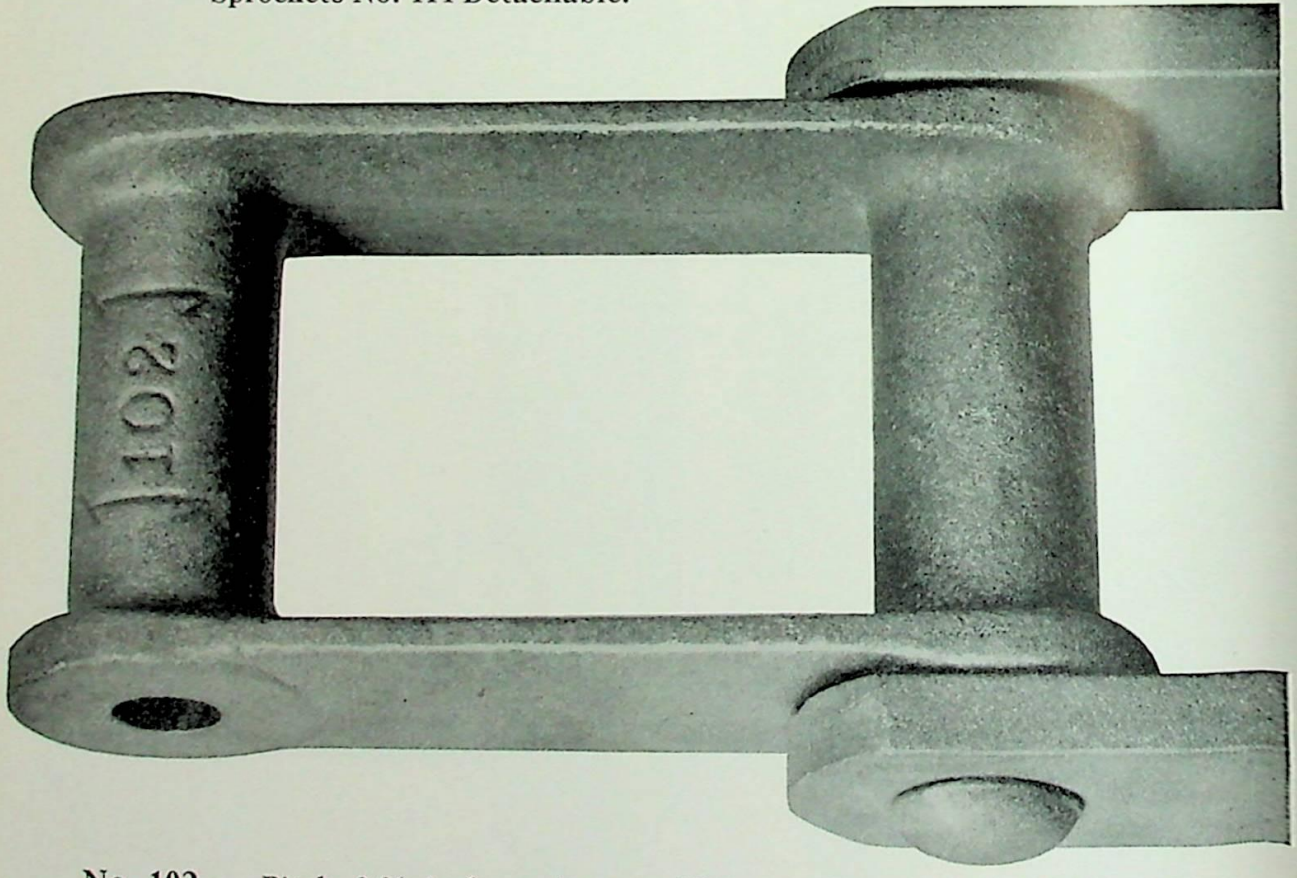
No. 131—Pitch 3.075 inches. Average Ultimate Stength 24,000 lbs. Use Sprockets No. 103 Detachable.

Jeffrey Hercules Chains

Shown approximately actual size.



No. 214—Pitch 3.25 inches. Average Ultimate Strength, 36,000 lbs. Use Sprockets No. 114 Detachable.



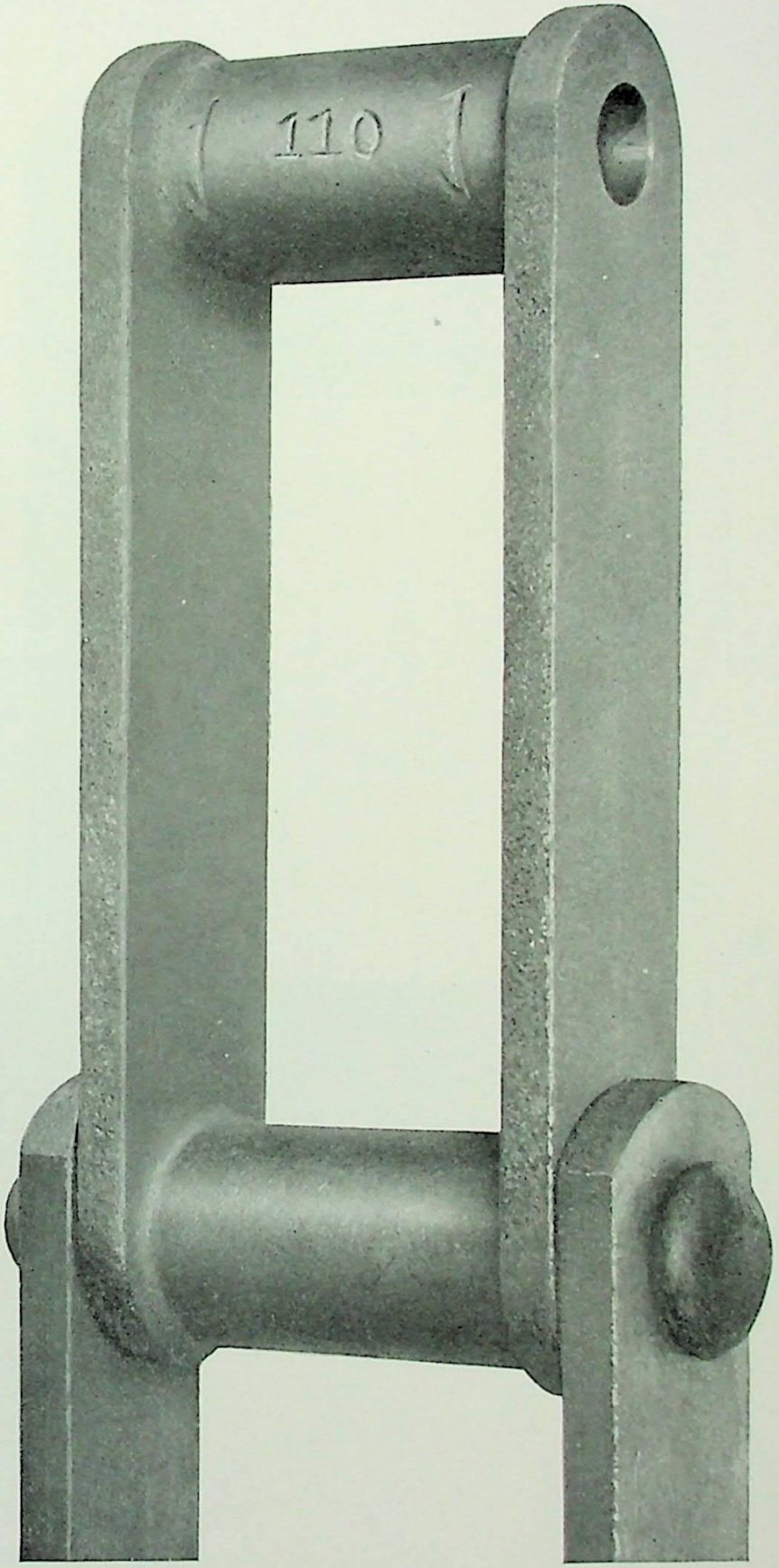
No. 102— Pitch 3.96 inches. Average Ultimate Strength, 18,000 lbs. Use Sprockets No. 102-B.

No. 102B—Pitch 3.96 inches. Average Ultimate Strength, 24,000 lbs. Use Sprockets No. 102-B.

No. 102½—Pitch 4.03 inches. Average Ultimate Strength, 36,000 lbs. Use Sprockets No. 102½.

Jeffrey Hercules Chains

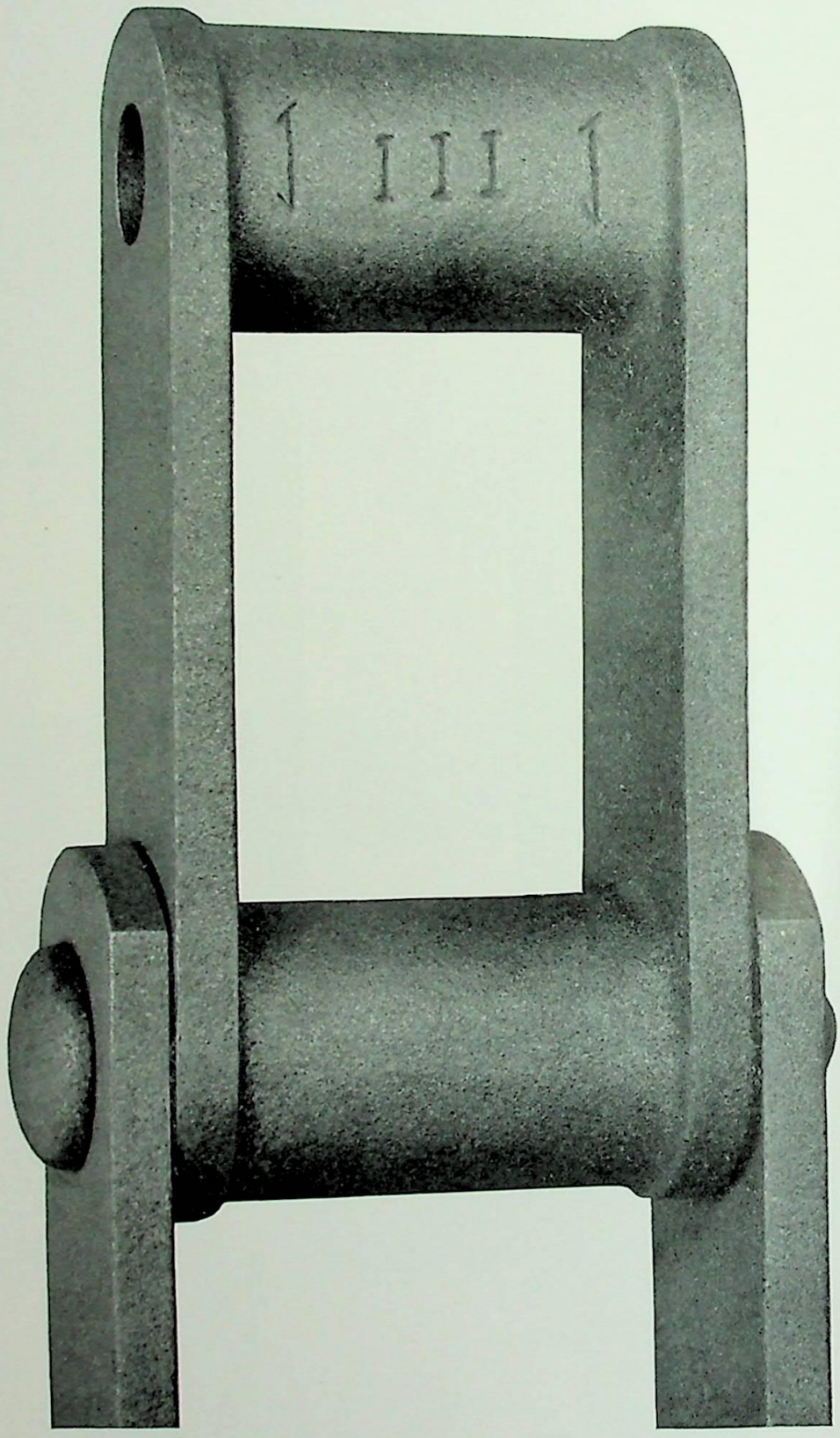
Shown approximately actual size.



No. 110—Pitch 6.00 Inches. Average Ultimate Strength, 24,000 lbs. Use Sprockets No. 110.

Jeffrey Hercules Chains

Shown approximately actual size.



No. 111—Pitch 4.78 inches. Average Ultimate Strength, 36,000 lbs.
Use Sprockets No. 111.

Jeffrey Hercules Chains

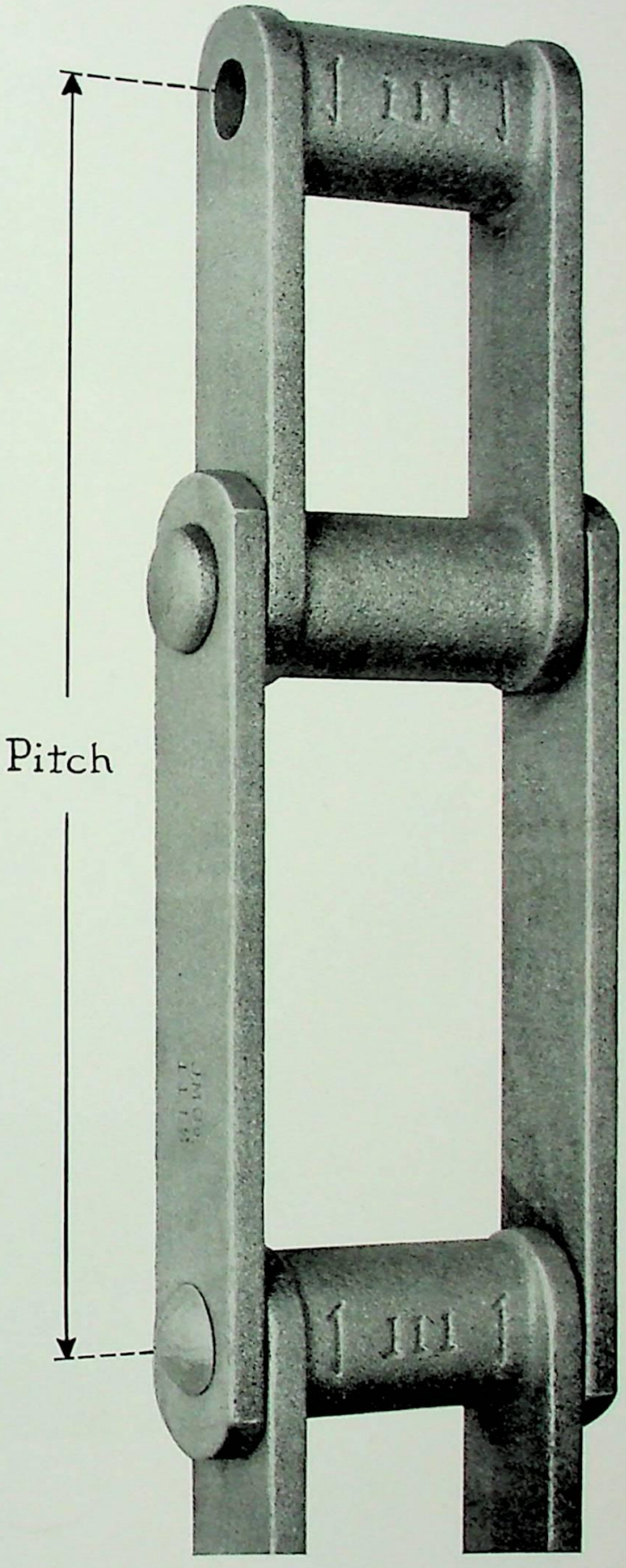
No. 111 Special—Pitch 12 inches. Average Ultimate Strength, 36,000 lbs. Use No. 111 Special Sprockets.

This chain is the same as No. 111 except that it has steel side bars 7.22 inch pitch, making the pitch of two links 12 inches.

No. 110 Special—Pitch 18 inches. Average Ultimate Strength, 24,000 lbs. Use No. 110 Special Sprockets.

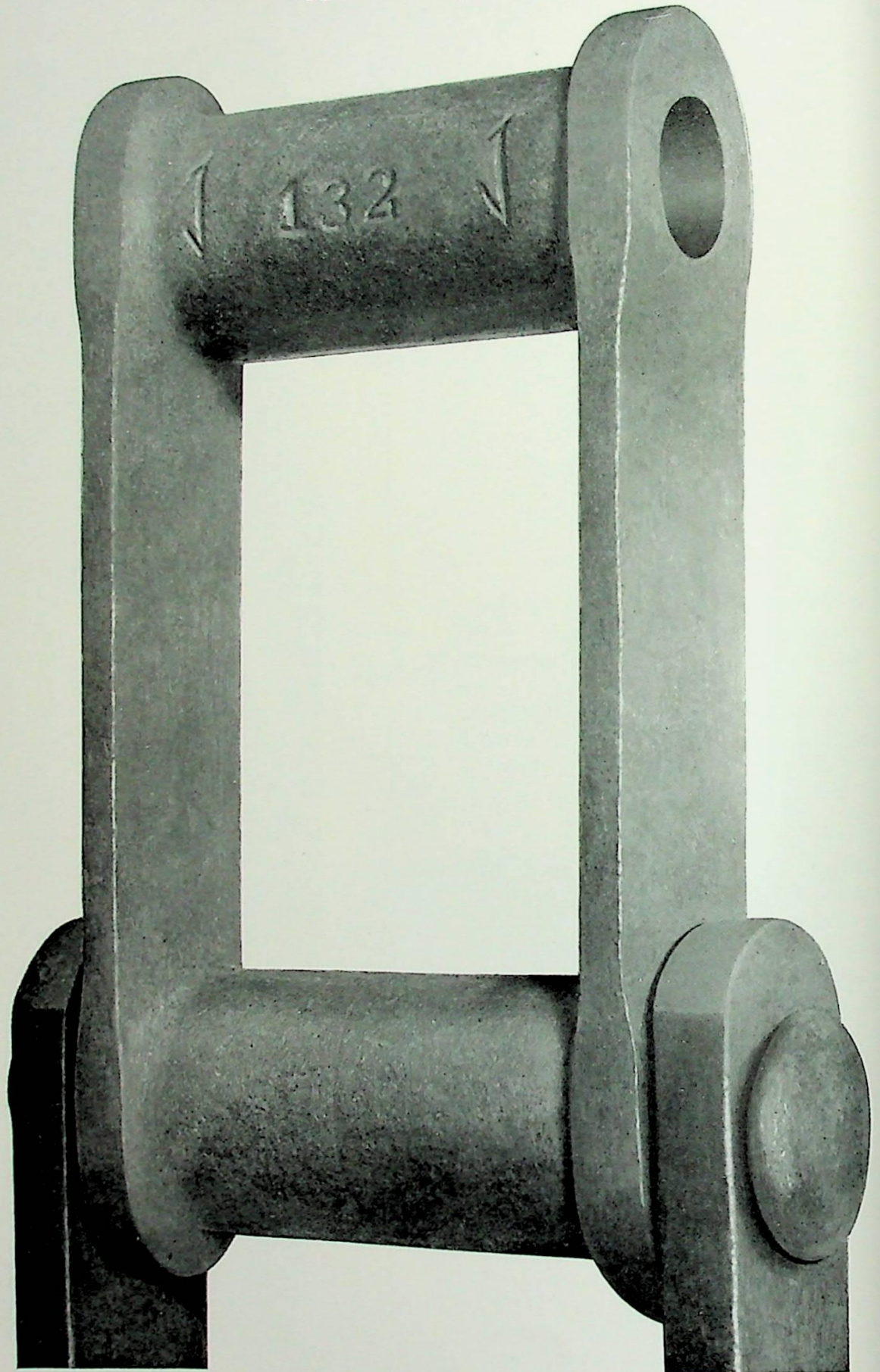
This chain is the same as No. 110 except that it has steel side bars 12.0 inch pitch, making the pitch of two links 18 inches.

The Special Hercules Chains are generally used in connection with elevator buckets with malleable iron or angle iron K-2 Attachment every other link. For Bucket Elevators, the No. 110 Special is used with the K-3 Angle attachment on one side of every link and can be used for double strand bucket elevators only.



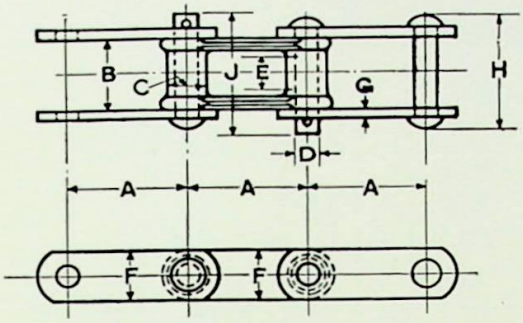
Jeffrey Hercules Chains

Shown approximately actual size.



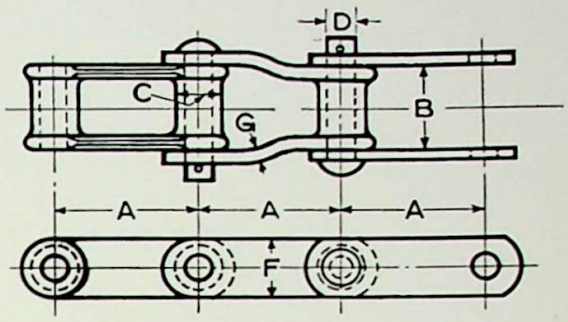
No. 132—Pitch 6.125 Inches. Average Ultimate Strength, 50,000 lbs. Use Sprockets No. 132.

Jeffrey Hercules Chains



Plain Chain

List Price and Dimensions of Plain Chains



Couplers

Made up with Riveted Pins unless otherwise Ordered.

Chain No.	†List Price Plain Chain Per Ft.	A Pitch Inches	Aver. Weight Per Foot Pounds	‡Working Strength at 150 F. P. M. Pounds	§ Max. Speed Feet Per Min.	Average Ultimate Strength Pounds	Works on Sprockets Number	B Inside Side Bars Inches	C Diam. of Barrel Inches	D Diam. of Pin Ins.	E Max. Width of Sprkt. Inches	Side Bars F	Side Bars G	H Over-all Riveted Chain	J Over-all Coupled Chain
102	$1.40	3.96	5.9	2500	450	18000	102B	2 13/16	31/32	1/2	2	1 1/2	3/8	4	4 5/32
102-B	1.40	3.96	6.4	3900	450	24000	102B	2 3/16	1	5/8	2	1 1/2	3/8	4 1/8	4 5/16
102½	1.90	4.03	9.0	5600	400	36000	102½	2 15/16	1 3/8	3/4	2	1 3/4	3/8	4 5/16	4 7/16
110	1.30	6.00	5.9	3900	350	24000	110	2 13/16	1 1/4	5/8	1 15/16	1 1/2	3/8	4 1/8	4 5/16
**110 Sp.	.95	6.00 / 12.00	7.2	3900	300	24000	110 Sp.	2 13/16	1 1/4	5/8	1 15/16	1 1/2	3/8	4 1/8	4 5/16
111	1.75	4.78	9.3	5600	400	36000	111	3 3/8	1 3/8	3/4	2 3/8	1 3/4	3/8	4 3/4	4 15/16
**111 Sp.	1.60	4.78 / 7.22	7.9	5600	350	36000	111 Sp.	3 3/8	1 3/8	3/4	2 3/8	1 3/4	3/8	4 3/4	4 15/16
131	1.40	3.075	6.7	3750	550	24000	103 Det.	2	1 1/4	5/8	1 1/8	1 1/2	3/8	3 5/16	3 1/2
132	2.50	6.125	13.1	10000	300	50000	132	4 3/8	1 3/4	1	3 1/8	2	1/2	6 1/8	6 1/4
188	.90	2.609	3.5	2450	600	14000	88 Det.	1 9/16	7/8	1/2	15/16	1 1/8	1/4	2 1/2	2 11/16
214	2.40	3.25	11.0	4800	400	36000	114 Det.	2 1/8	1 5/8	3/4	1 1/8	1 3/4	3/8	3 1/2	3 3/4
1226	2.00	6.00	9.6	7300	325	43000	1226	3 3/8	1 1/2	7/8	2 1/8	1 3/4	1/2	5 1/16	5 1/4

Bold Face Type Indicates Carried in Stock Sizes to cover all reasonable demands; all others subject to occasional delays.

‡**Working Strengths in Table** are increased or decreased for speeds other than 150 ft. per min, see page 121.

§**Economical Speeds** are half of "Max." Speeds.

**Alternate long and short pitches, with long pitch in steel side bars.

†List Prices cover Riveted Chain.

List Price Each of Detached Parts

Name of Part	102	102B	102½	110	110 Sp	111	111 Sp	131	132	188	214	1226
Number of links in 100 feet of Chain	304	304	296	200	133	251	200	391	196	462	369	200
Block Link, M. I.	$0.40	$0.40	$0.65	$0.70	$0.70	$0.72	$0.72	$0.30	$1.20	$0.16	$0.65	$0.90
Plain Side Bars, Steel	.16	.16	.20	.21	.32	.21	.30	.14	.35	.06	.20	.32
Pin, Rivet, Steel	.10	.13	.14	.13	.13	.16	.16	.10	.37	.06	.14	.28
Pin, Cottered, Steel	.11	.15	.18	.15	.15	.20	.20	.12	.44	.07	.18	.32
††Coupling Link, M. I.	.65	.65	.85	.85		.90		.50	1.60	.25	.75	
C-3 Att. (Block Link) M. I.						1.20	1.20	.60	2.00			
D-D Att. (Block Link) M. I.											1.00	
F-2 Att. (Block Link) M. I.			1.50			1.40	1.40	.80		.45		
F-27 Att. (Block Link) M. I.												2.40
G-6 Att. (Block Link) M. I.				1.20		1.35	1.35	.65		.40		
*G-9 Att. (Steel Riv. to Side Bar)	1.10	1.10		1.10		1.20	1.20	1.00	1.25			
G-19 Att. (Block Link) M. I.								.70		.45		
H-36 Att. (Spur) M. I.								1.30		1.00		
▲H-37 Att. (Spur) C. I.								3.60				
K-1 Att. (Block Link) M. I.										.40		
K-1 Att. (Steel Side Bar)										.25		
K-2 Att. (Block Link) M. I.			.95	1.05		1.10	1.10		1.90			
K-2 Att. (Steel Side Bar)			.45	.50		.50	.75		.80			.80
K-1 and K-2 Att. (Block Link) M. I.	.75	.75						.50				
K-1 and K-2 Att. (Steel Side Bar)	.40	.40						.35				
K-3 Att. (Steel Side Bar)					.85							
K-12 Att. (Block Link) M. I.		.85										
K-12 Att. (Steel Side Bar)		.45										
S Att. (Steel Side Bar)	.55	.55	.55	.60		.65	.80	.50	1.05	.35	.60	1.05

††Coupling Link, without Pins. Specify one or two Pins as required.

*Price of Plain Side Bar to be added to make complete attachment.

▲Replaces Plain Block Link when Assembled in Chain.

For List of Sprockets, see page 135 for Cast Iron and 155 for Cast Steel.

Jeffrey Hercules Chains

Plain Chains and Attachments

List Prices Per Foot Assembled

Attachment Style	Spacing per Link	102	102B	102½	110	110 Spec.	111	111 Spec.	131	132	188	214	1226
Plain Chain		$1.40	$1.40	$1.90	$1.30	$0.95	$1.75	$1.60	$1.40	$2.50	$0.90	$2.40	$2.00
D-D (Mall.)	2nd											3.00	
	4th											2.75	
	6th											2.60	
	8th											2.50	
F-2 (Mall)	2nd			**2.80**			**2.50**	**2.20**	**2.20**		**1.35**		
	4th			**2.45**			**2.20**	**1.95**	**1.90**		**1.20**		
	6th			**2.30**			**2.10**	**1.85**	**1.80**		**1.10**		
G-6 (Mall.)	2nd				**1.75**		**2.50**	**2.10**	**2.00**		**1.50**		
	4th				**1.55**		**2.25**	**1.90**	**1.70**		**1.40**		
	6th				**1.40**		**2.15**	**1.80**	**1.60**		**1.30**		
G-9 (Steel)	2nd	3.05	3.05		2.40		3.25	2.80	3.35	3.70			
	4th	2.25	2.25		1.85		2.50	2.20	2.40	3.10			
	6th	1.95	1.95		1.70		2.25	2.00	2.05	2.90			
	8th	1.85	1.85		1.60		2.10	1.90	1.90	2.80			
	10th	1.75	1.75		1.55		2.05	1.85	1.80	2.75			
G-19 (Mall.)	2nd								2.10		1.70		
	4th								1.80		1.50		
	6th								1.70		1.40		
	8th								1.60		1.30		
K-1 or K-2 (Mall.)	2nd	‡1.75	‡1.75	†2.35	†1.60		†2.25	†1.90	‡1.90	†3.10	*1.40		
K-1 or K-2 (Mall. and Steel)	3rd	‡1.70	‡1.70	†2.30	†1.55		†2.20		‡1.85	†3.00	*1.30		
K-1 or K-2 (Mall.)	4th	‡1.60	‡1.60	†2.20	†1.45		†2.10	†1.75	‡1.80	†2.80	*1.20		
K-1 or K-2 (Mall. and Steel)	5th	‡1.55	‡1.55	†2.15	†1.40		†2.05		‡1.70	†2.75	*1.15		
K-1 or K-2 (Mall.)	6th	‡1.50	‡1.50	†2.10	†1.40		†2.00	†1.70	‡1.65	†2.70	*1.10		
K-1 or K-2 (Mall. and Steel)	All	‡2.30	‡2.30	†3.00	†2.00		†2.75		‡2.50	†3.80	*2.00		
K-1 or K-2 (Steel)	2nd	‡1.95	‡1.95	†2.60	†1.75		†2.45	†2.10	‡2.10	†3.40	*1.55		2.70
	4th	‡1.70	‡1.70	†2.30	†1.55		†2.25		‡1.90	†2.95	*1.30		2.25
	6th	‡1.60	‡1.60	†2.20	†1.45		†2.10		‡1.75	†2.85	*1.15		2.15
K-3 (Steel)	2nd					1.35							
	4th					1.20							
	6th					1.10							
K-12 (Mall.)	2nd		2.00										
K-12 (Mall. and Steel)	3rd		1.95										
K-12 (Mall.)	4th		1.70										
K-12 (Mall. and Steel)	5th		1.65										
K-12 (Mall.)	6th		1.60										
K-12 (Mall. and Steel)	All												

Bold Face Type Indicates Carried in Stock Sizes.

*K-1 Attachment Only

†K-2 Attachment Only.

‡K-1 and K-2 Attachments Combined.

Jeffrey Hercules Chains

Plain Chains and Attachments

Weight Each in Pounds of Detached Parts

Name of Part	102	102B	102½	110	110 Spec.	111	111 Spec.	131	132	188	214	1226
Block Link, M. I.	1.8	1.8	3.0	2.8	2.8	3.7	3.7	0.31	6.1	0.7	2.8	4.0
Plain Side Bars, Steel	0.9	0.9	1.0	1.2	2.2	1.1	1.5	1.5	2.1	0.3	1.1	2.0
Pin, Rivet, Steel	0.28	0.4	0.6	0.4	0.4	0.7	0.7	0.7	1.5	0.16	0.6	1.0
Pin, Cottered, Steel	0.28	0.4	0.6	0.4	0.4	0.7	0.7	0.31	1.5	0.16	0.6	1.0
Coupling Link, M. I. Without Pins	1.7	1.7	2.5	2.6		3.0		1.4	5.3	0.7	2.5	
C-3 Att. (Block Link) M. I.						4.6		1.9	8.4			
D-D Att. (Block Link) M. I.											3.7	
F-2 Att. (Block Link) M. I.			4.9			5.1	5.1	2.8		1.1		
F-27 Att. (Block Link) M. I.												8.7
G-6 Att. (Block Link) M. I.				4.1		4.9	4.9	2.1		1.1		
G-9 Att. (only)	1.1	1.1		1.1		1.3	1.3	0.9	1.3			
G-19 Att. (Block Link) M. I.								2.2		1.1		
H-36 Att. (Spur) M. I. Assembled in Attachment Link								1.6		1.1		
H-37 Att. (Spur) C. I.								6.6				
K-1 Att. (Block Link) M. I.										0.9		
K-1 Att. (Steel Side Bar)										0.5		
K-2 Att. (Block Link) M. I.			3.8	4.0		4.8	4.8		8.2			
K-2 Att. (Steel Side Bar)			1.5	1.9		1.8	3.0		3.5			3.7
K-1 and K-2 Att. (Block Link) M. I.	2.4	2.6						2.1				
K-1 and K-2 Att. (Steel Side Bar)	1.4	1.4						1.0				
K-3 Att. (Steel Side Bar)					5.4							
K-12 Att. (Block Link) M. I.		2.8										
K-12 Att. (Steel Side Bar)		1.0										
S Att. (Steel Side Bar, Each)	1.9	1.9	2.0	2.8		2.9	5.3	1.5	5.3	0.8	3.0	4.0

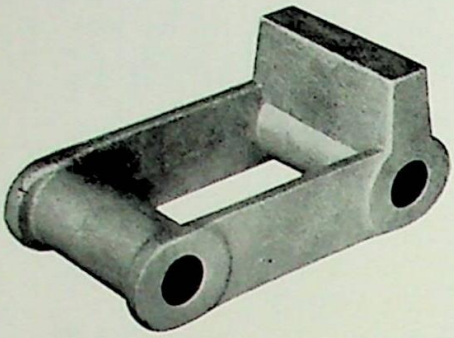
Weight in Pounds Per Foot Assembled

Attachment Style	Spacing per Link	102	102B	102½	110	110 Spec.	111	111 Spec.	131	132	188	214	1226
Plain Chain		5.9	6.4	9.0	5.9	7.2	9.3	7.9	6.7	13.1	3.5	11.0	9.6
D-D (Mall.)	2nd											12.8	
	4th											11.9	
	6th											11.6	
F-2 (Mall.)	2nd			11.9			11.0	9.3	9.0		4.5		
	4th			10.4			10.1	8.6	7.9		4.0		
	6th			10.0			9.9	8.3	7.5		3.8		
G-6 (Mall.)	2nd				7.1		10.7	9.1	7.9		4.3		
	4th				6.5		10.0	8.5	7.3		3.9		
	6th				6.3		9.8	8.3	7.0		3.8		
G-9 (Steel)	2nd	7.6	8.1		7.0		10.9	9.2	7.7	15.3			
	4th	6.7	7.3		6.5		10.1	8.6	7.2	14.2			
	6th	6.5	7.0		6.3		9.5	8.3	7.1	13.8			
G-19 (Mall.)	2nd								8.0		4.4		
	4th								7.3		4.0		
	6th								7.1		3.7		
K-1 or K-2 (Mall.)	2nd	‡7.0	‡7.8	† 10.2	‡7.0		†10.6	†9.1	‡7.7	†15.1	*4.5		
K-1 or K-2 (Mall. and Steel)	3rd	‡6.7	‡7.5	† 9.9	‡6.8		†10.4		‡7.5	†14.7	*4.2		
K-1 (Mall.)	4th	‡6.4	‡7.1	† 9.8	‡6.4		†10.0	†8.5	‡7.2	†14.1	*4.0		
K-1 or K-2 (Mall. and Steel)	5th	‡6.4	‡7.0	† 9.5	‡6.3		† 9.9		‡7.2	†14.0	*3.9		
K-2 (Mall.)	6th	‡6.2	‡6.9	† 9.4	‡6.2		† 9.7	†8.3	‡7.0	†13.8	*3.8		
K-1 or K-2 (Mall. and Steel)	All	‡8.7	‡9.6	†11.9	‡8.6		†12.5		‡9.3	†18.0	*5.6		
K-1 or K-2 (Steel)	2nd	‡6.3	‡6.8	†10.9	‡6.6		†11.5	†8.4	‡7.4	†15.5	*3.8		13.0
	4th	‡6.1	‡6.6	† 9.9	‡6.2		†10.3		‡7.0	†14.3	*3.6		11.3
	6th	‡6.0	‡6.5	† 9.6	‡6.0		†10.0		‡6.8	†13.8	*3.5		10.7
K-3 (Steel)	2nd					11.4							
K-12 (Mall.)	2nd		8.6										
K-12 (Mall. and Steel)	3rd		7.8										
K-12 (Mall.)	4th		7.5										
K-12 (Mall. and Steel)	5th		7.2										
K-12 (Mall.)	6th		7.1										
K-12 (Mall. and Steel)	All		10.7										

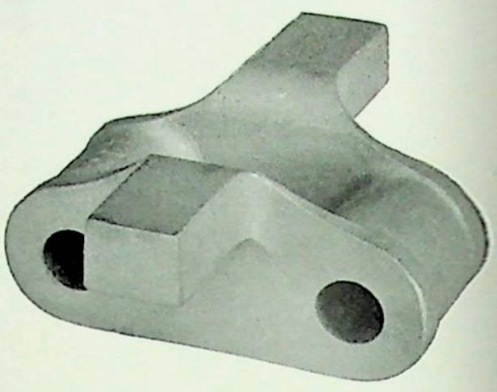
*K-1 Attachment Only.
†K-2 Attachment Only.
‡K-1 and K-2 Attachments Combined.

Jeffrey Hercules Chains

Attachments



C-3



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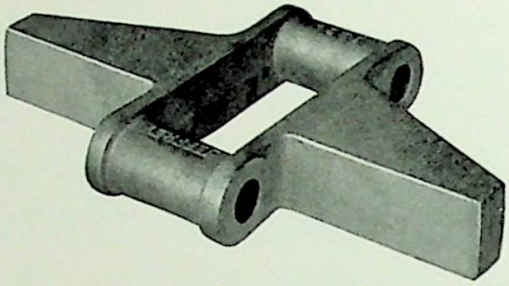

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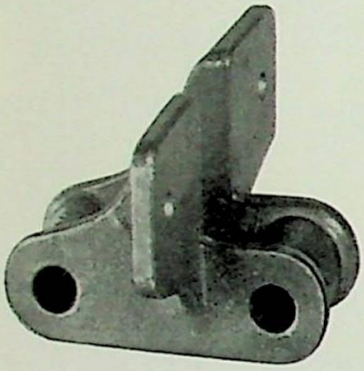
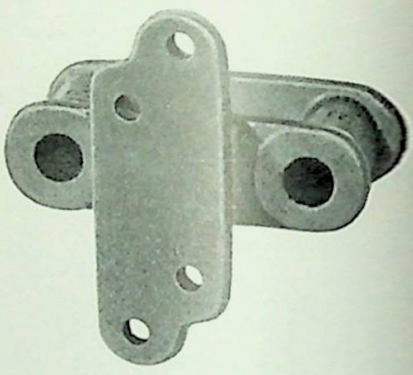
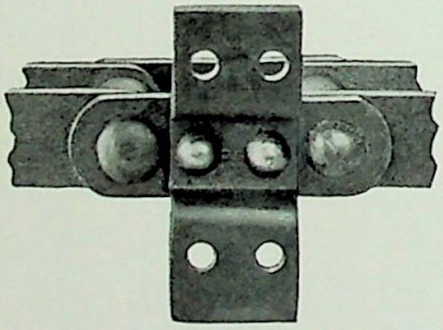


F-2

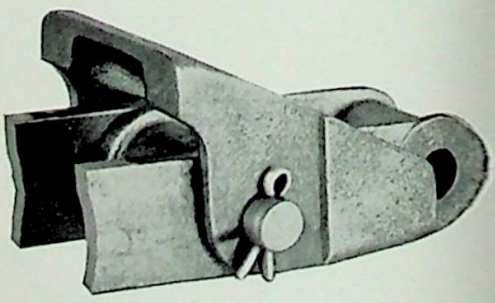


G-6



G-9

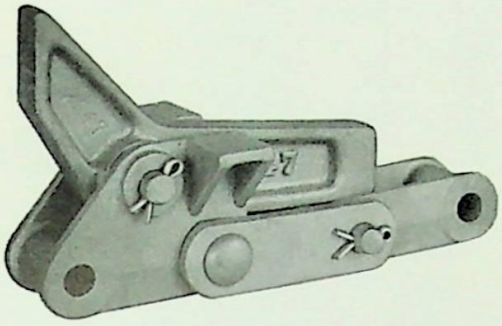
G-19



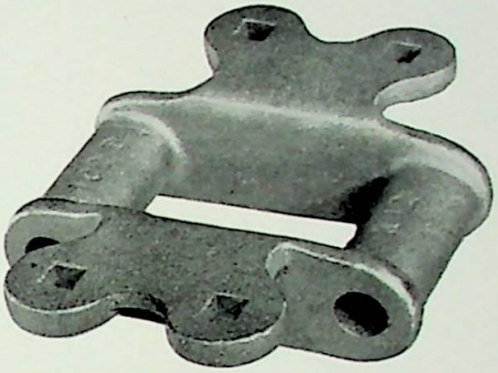
H-36

Jeffrey Hercules Chains

Attachments

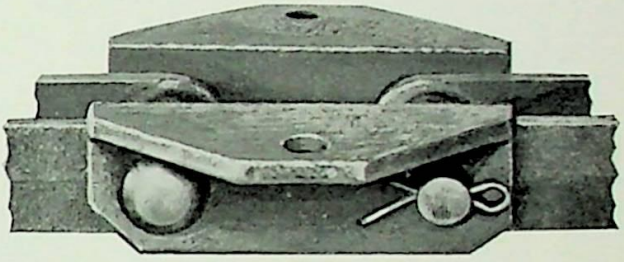


H-37

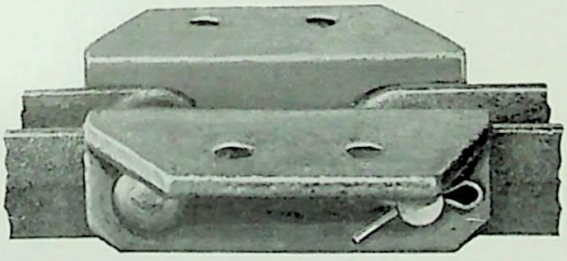


K-12 Mall.

K-1 Mall.

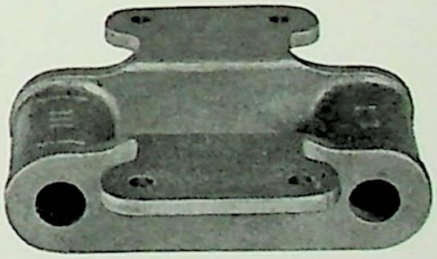


K-1 Steel

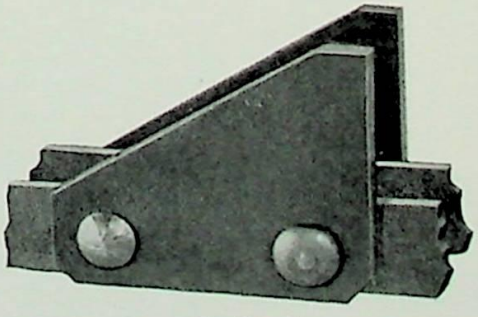


K-2 Steel.

K-3—Same as above, but has 3 holes



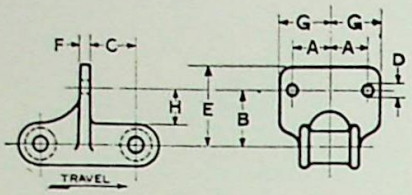
K-2 Mall.



S—Steel

Jeffrey Hercules Chains

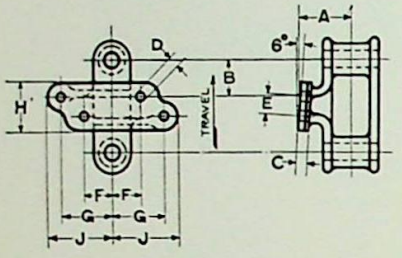
Dimensions of Attachments



Has Round-Straight Holes for Bolts.

F-2 Attachment

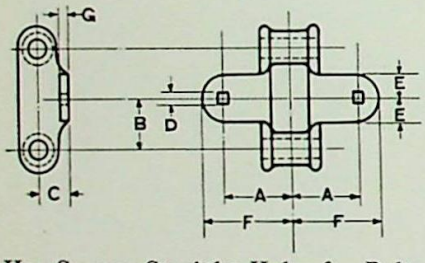
Chain No.	A	B	C	D Diam of Bolts	E	F	G	H
102½	2 7/8	2	1 1/2	3/8	3 1/16	5/16	3 9/16	1 1/8
111	3 3/16	2	1 3/4	3/8	2 7/8	3/8	3 13/16	1 1/8
111 Spec	3 3/16	2	1 3/4	3/8	2 7/8	3/8	3 13/16	1 1/8
131	2 11/32	1 11/16	15/16	3/8	2 3/4	5/16	3 3/32	15/16
188	1	1 1/2	1 1/4	5/16	2 1/8	5/16	1 3/8	15/16



Has Round-Straight Holes for Bolts. Can be furnished either Right or Left Hand—Left Hand shown.

G-6 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J
110	2 1/2	2 9/16	5/16	3/8	7/8	1 1/16	1 3/4	2 1/4	2 5/16
111	2 25/32	2	5/16	3/8	7/8	1 1/16	1 3/4	2 1/4	2 11/32
111 Spec	2 25/32	2	5/16	3/8	7/8	1 1/16	1 3/4	2 1/4	2 11/32
131	2 1/16	1 1/4	1/4	3/8	9/16	7/8	1 17/32	2 1/32	2 1/32
188	1 1/2	1 1/32	1/4	1/4	9/16	27/32	1 17/32	1 3/8	1 29/32

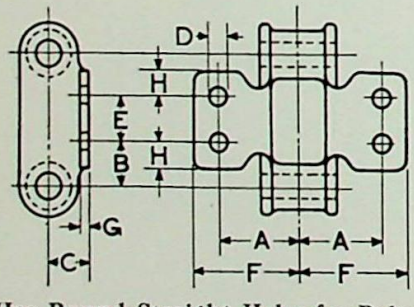


Has Square-Straight Holes for Bolts.

K-1 (Mall.) Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
188	1 29/32	1 5/16	13/16	5/16	19/32	2 7/16	7/32

Dimensions for K-1 Steel same as above.

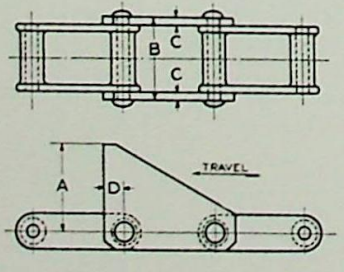


Has Round-Straight Holes for Bolts.

K-2 (Mall.) Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
102½	2 11/16	1 1/8	1 1/8	3/8	1 3/4	3 5/16	1/4	21/32
110	2 21/32	2 1/8	15/16	3/8	1 3/4	3 1/4	1/4	1/16
111	3 1/8	1 9/32	1 1/8	3/8	2 5/16	3 23/32	1/4	19/32
111 Spec.	3 1/8	1 9/32	1 1/8	3/8	2 5/16	3 23/32	1/4	19/32
132	3 3/4	1 11/16	1 1/4	1/2	2 3/4	4 1/2	5/16	5/8
*1226	3 1/2	1 1/4	1 3/8	1/2	3 1/2	4 3/16	1/2	

Dimensions for K-2 Steel same as above.
*Steel Angle only.

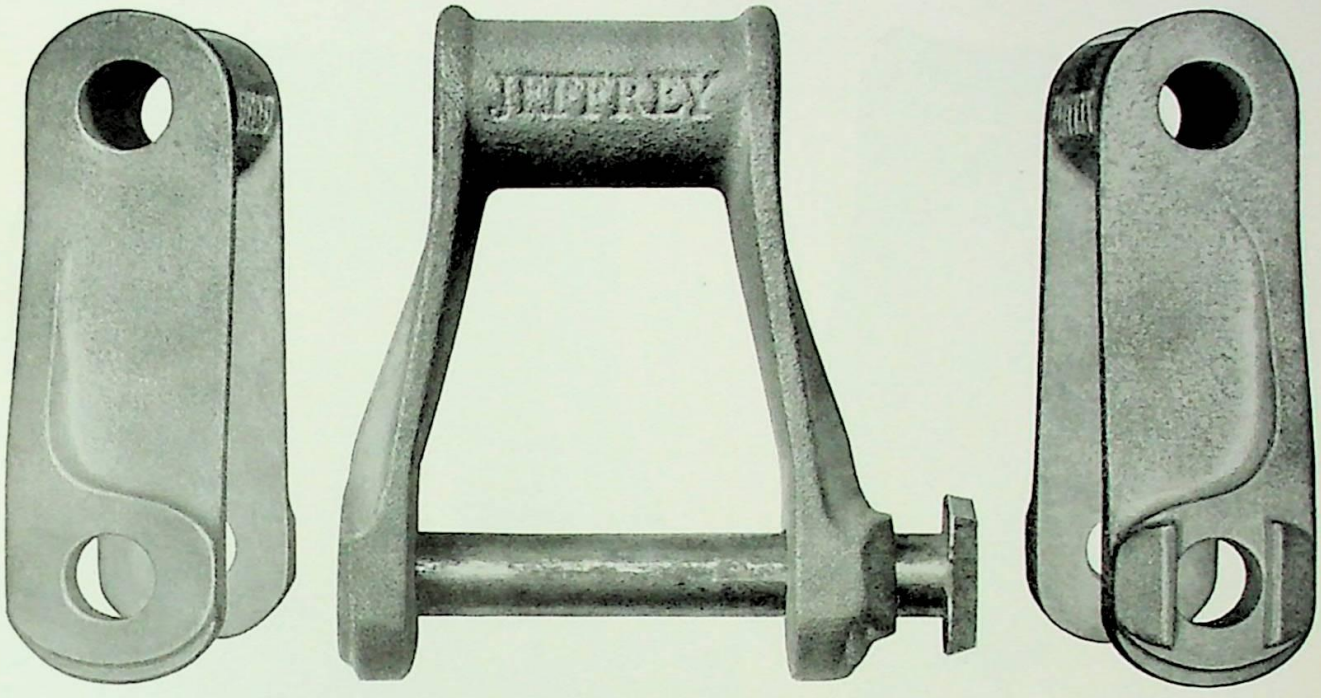


S Attachment

Chain No.	A	B	C	D	Chain No.	A	B	C	D
102	3 3/4	3 9/16	3/8	15/16	111 Spec	4 3/8	4 1/8	3/8	1 1/16
102B	3 3/4	3 9/16	3/8	15/16	131	3 1/4	2 3/4	3/8	7/8
102½	3 3/4	3 11/16	3/8	1 1/8	132	5	5 3/8	1/2	1 9/32
110	4 1/4	3 9/16	3/8	1	188	2 5/8	2 1/16	1/4	21/32
111	4 3/8	4 1/8	3/8	1 1/16	214	4 3/8	2 7/8	3/8	1 1/16
					1226	4 1/2	4 3/8	1/2	1

Bold Face Type Indicates Carried in Stock Sizes.

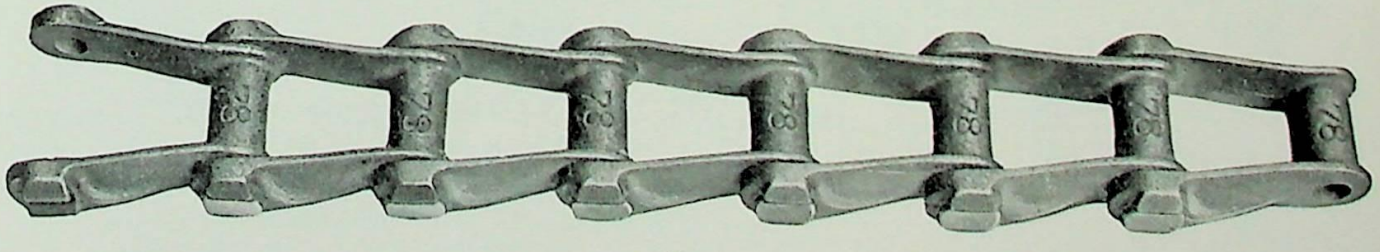
Jeffrey Reliance Riveted Saw Mill Chains



RELIANCE Chain is the natural outgrowth of both the Detachable and Mey-Oborn Chains to meet those conditions of service, where increased speed and shock have called for a more durable chain than either the Detachable or Mey-Oborn types.

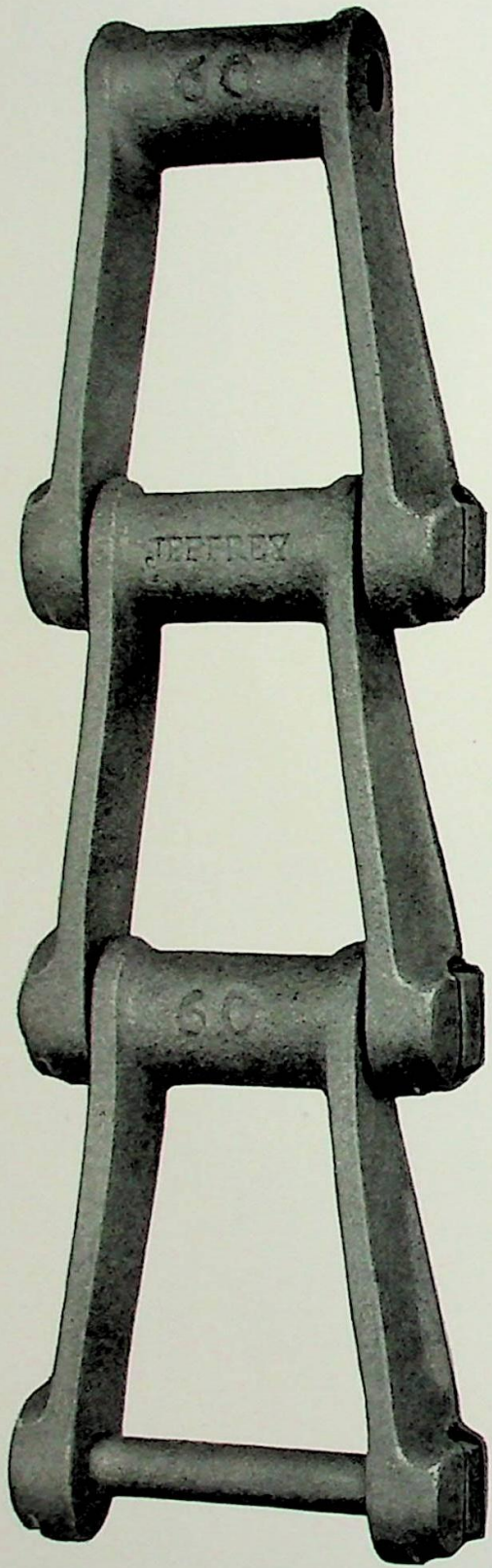
Reliance Chains are well adapted to elevator service of moderate speeds under ordinarily clean or semi-gritty conditions and are popular as a drive chain. Often conditions call for an increase in the carrying capacity of conveyor, elevator or drive, thus making the Reliance Chain an excellent substitute for the lighter Detachable or Mey-Oborn Chains with but very little change in the equipment.

Reliance Chain is made up of the highest quality malleable iron links assembled together with accurately forged high carbon steel pins. The pins are held rigidly in place in the open ends of the side bars to prevent turning, thus confining all wear to the long surface through the barrel. The undersides of the side bars are flared out forming a broad wearing shoe for protection in dragging over runways or floors.

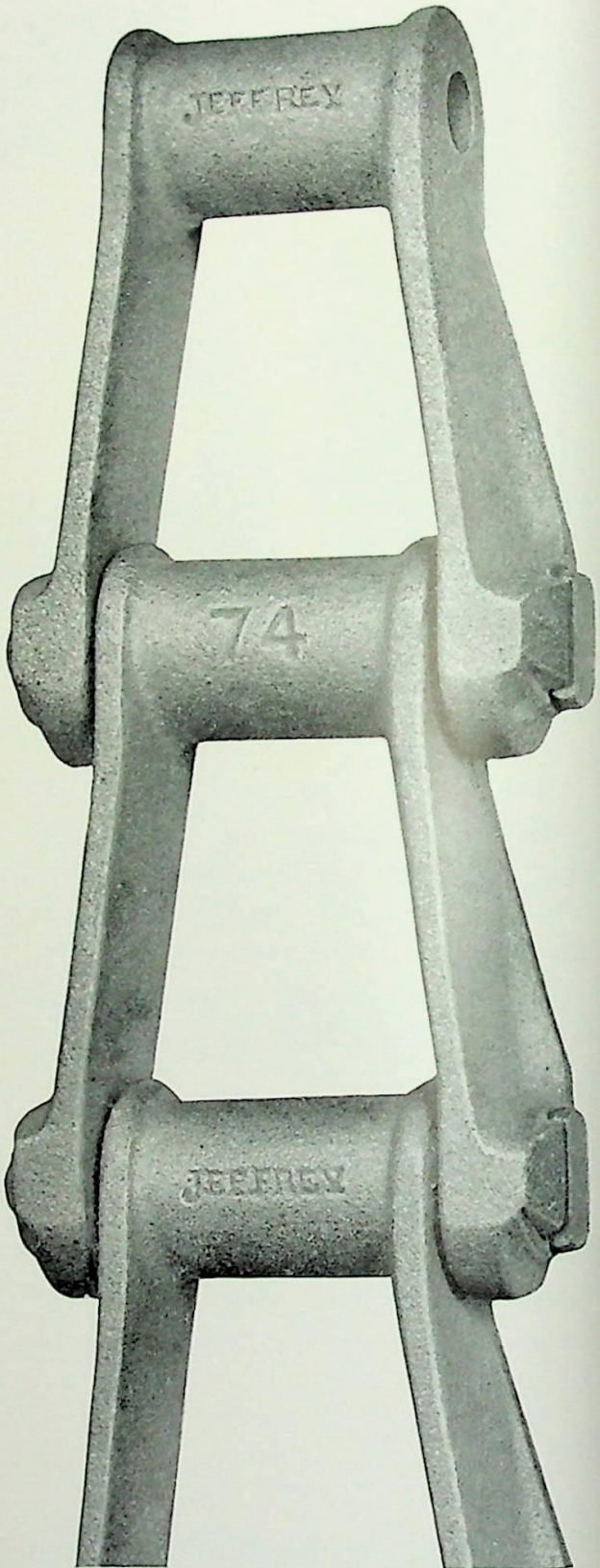


Jeffrey Reliance Riveted Saw Mill Chains

Shown approximately actual size.



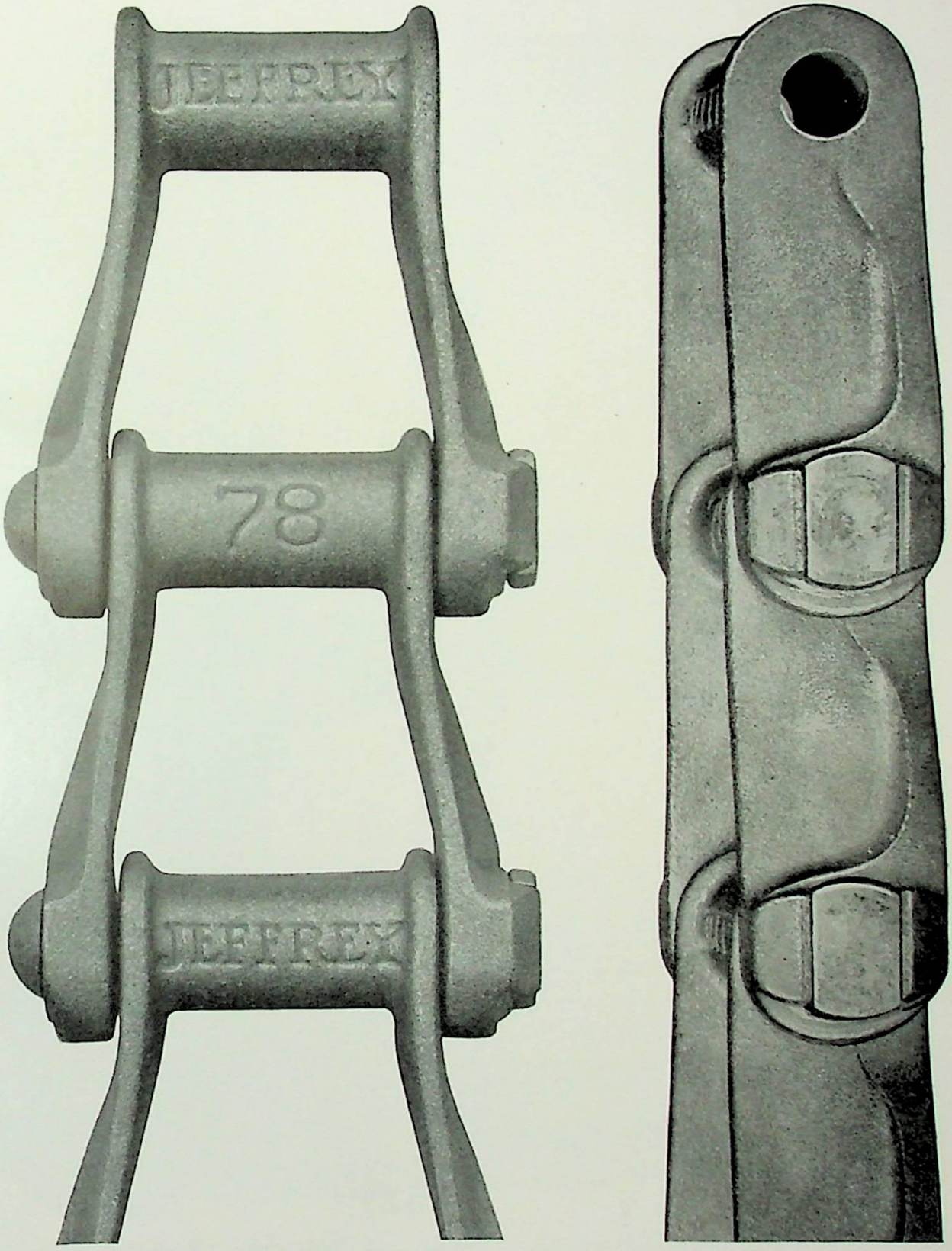
No. 60—Pitch 2.308 inches. Average Ultimate Strength, 7,000 lbs. Use Sprockets No. 60.



No. 74—Pitch 2.609 inches. Average Ultimate Strength, 10,000 lbs. Use Sprockets No. 88 Detachable.

Jeffrey Reliance Riveted Saw Mill Chains

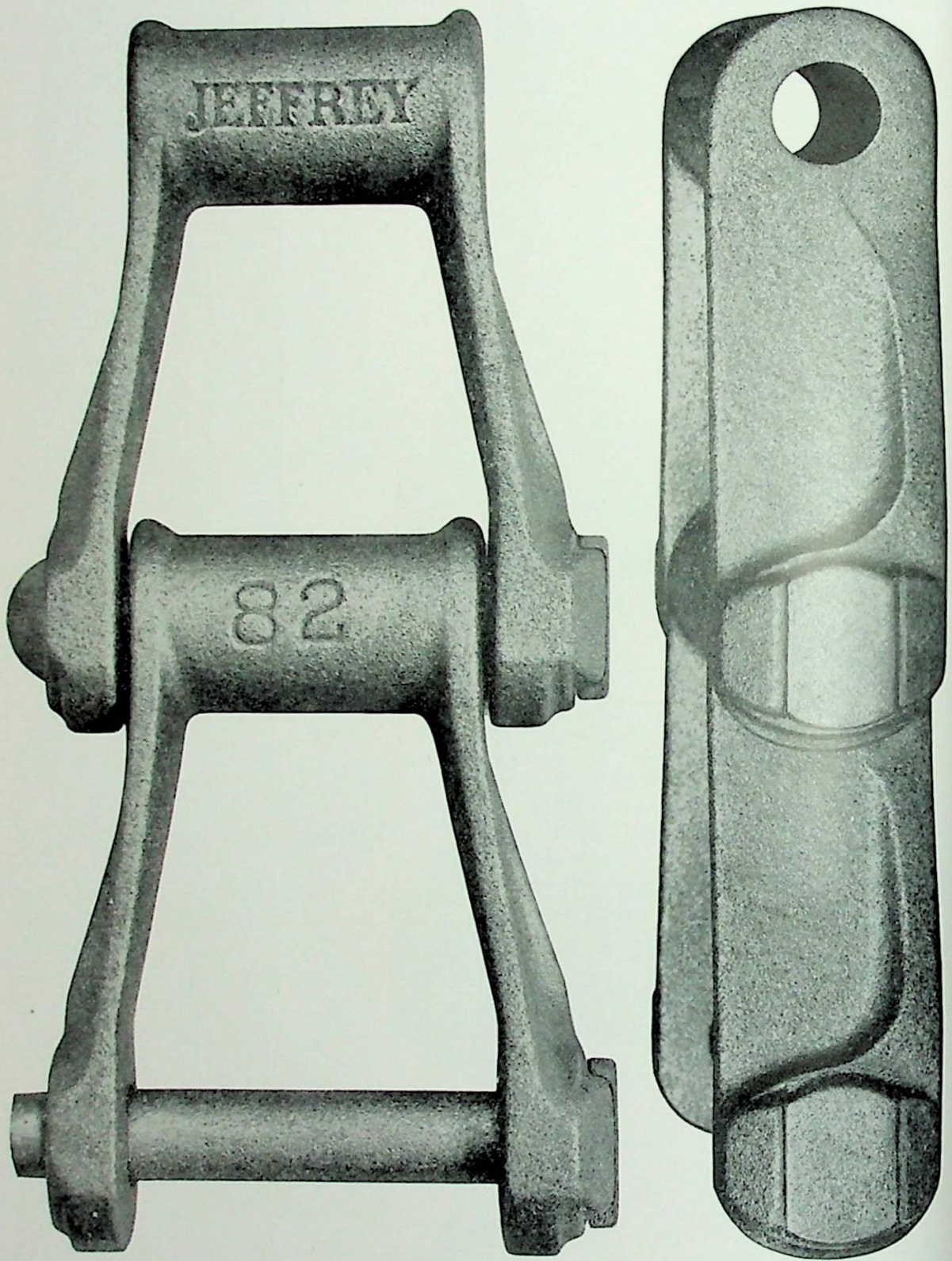
Shown approximately actual size.



No. 78—Pitch 2.609 Inches. Average Ultimate Strength, 16,000 lbs. Use Sprockets No. 88 Detachable.

Jeffrey Reliance Riveted Saw Mill Chains

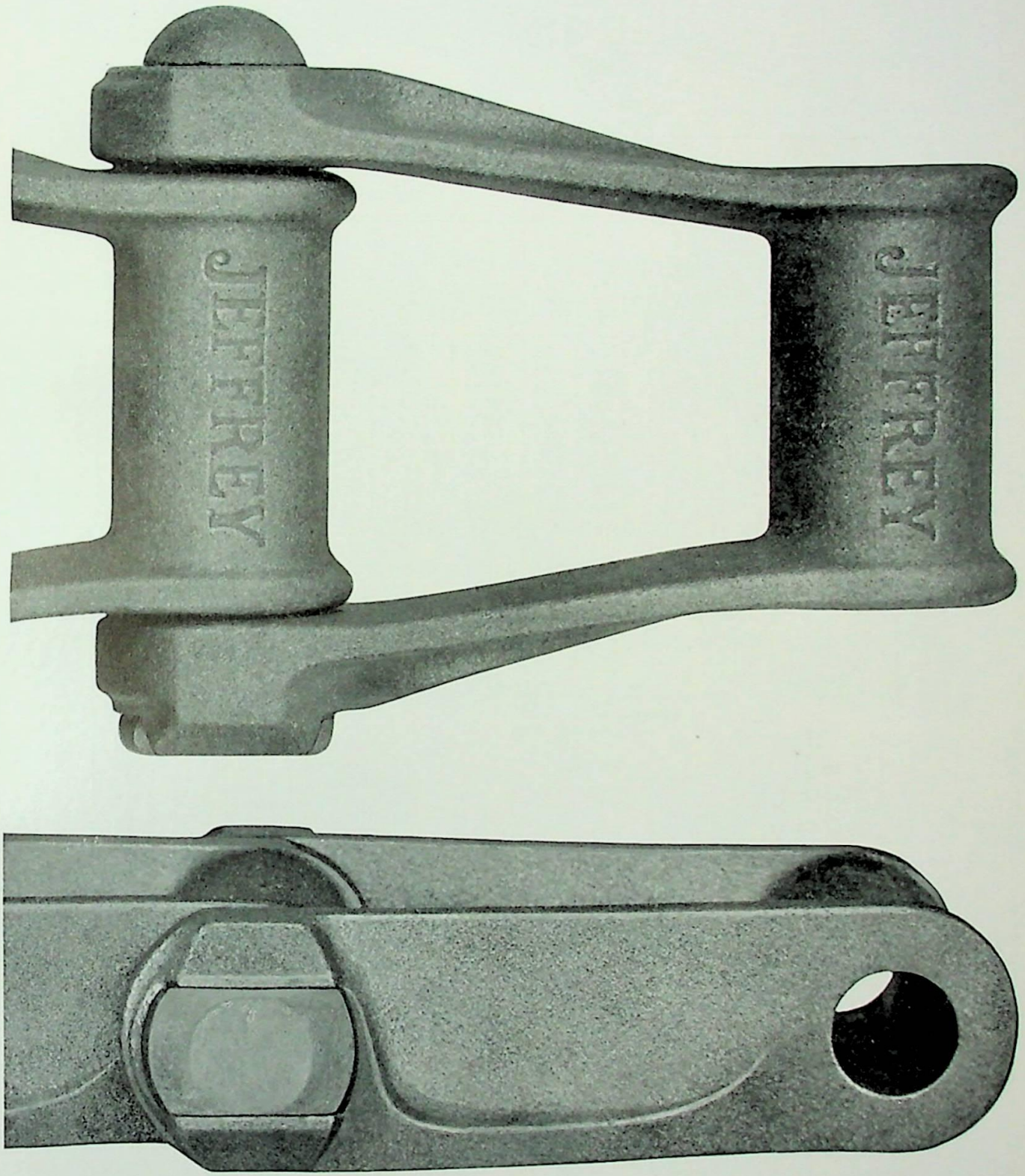
Shown approximately actual size.



No. 82—Pitch 3.075 Inches. Average Ultimate Strength, 20,000 lbs. Use Sprockets No. 103 Detachable.

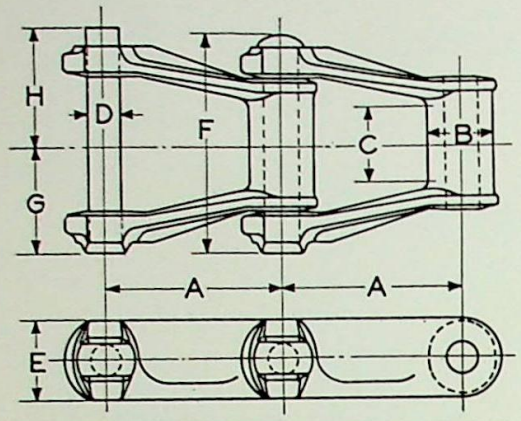
Jeffrey Reliance Riveted Saw Mill Chains

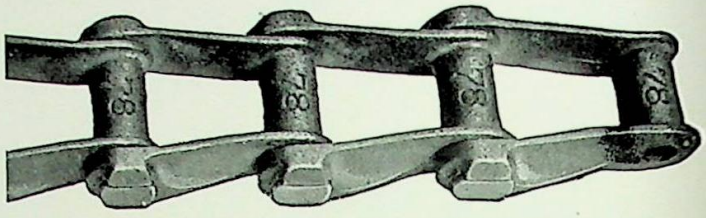
Shown approximately actual size.



No. 124—Pitch 4.00 inches Average Ultimate Strength, 30,000 lbs. Use Sprockets No. 124.

Jeffrey Reliance Riveted Saw Mill Chains





List Price and Dimensions of Plain Chains

Made up with Riveted Pins Unless Otherwise Specified.

Chain No.	Price Per Foot	Add to L. Price of Riveted Chains for All Coupling Pins	A Pitch Inch's	Approx. Links in 10 Feet of Chain	Average Weight Per Foot Pounds	‡ Working Strength in Lbs. at 150 ft. Per Min.	§ Max. Speed Feet Per Min.	Average Ultimate Strength Pounds	Works on Sprockets Number	B Diam. of Barrel	C Max. Width of Sprkt.	D Diam. of Pin	E	F Overall Riveted Chain	Chain with Coupling Pins G	Chain with Coupling Pins H
60	$0.72	$0.08	2.308	52	2.10	1100	600	7000	60	.75	3/4	5/16	3/4	2 9/16	1 17/64	1 29/64
60H	.84	.08	2.308	52	2.60	1300	600	9600	60	.75	3/4	3/8	15/16	2 13/32	1 7/32	1 5/16
73	1.05	.08	2.353	51	4.00	2000	500	13500	73	1.000	1 1/8	7/16	1 1/8	2 15/16	1 15/32	1 9/16
74	.80	.08	2.609	46	3.00	1500	600	10000	88 Det.	.876	1	3/8	1	2 25/32	1 23/64	1 33/64
75	.72	.08	2.609	46	2.20	1200	600	7000	75	.718	1	5/16	3/4	2 11/16	1 11/32	1 1/2
78	.95	.08	2.609	46	4.20	2300	500	16000	88 Det.	.876	1 1/8	1/2	1 1/8	3 1/8	1 37/64	1 43/64
82	1.20	.10	3.075	39	5.50	3000	500	20000	103 Det.	1.218	1 1/4	9/16	1 1/4	3 11/16	1 13/16	1 15/16
87	1.50	.10	4.000	30	6.50	3800	400	25000	87	1.374	1 1/2	5/8	1 3/8	4 1/32	2	2 3/16
95	1.25	.08	4.000	30	4.90	2700	400	16000	95	1.126	1 7/8	1/2	1 3/16	4 1/16	2 1/32	2 1/8
124	1.75	.10	4.000	30	8.80	5000	300	30000	124	1.436	1 5/8	3/4	1 9/16	4 13/32	2 17/64	2 29/64

BOLD FACE TYPE INDICATES CARRIED IN STOCK SIZES to cover all reasonable demands; all others subject to occasional delays.

‡**Working Strengths in Table** are increased or decreased for speeds other than 150 ft. per min, see page 121.

§**Economical Speeds** are half of maximum speeds.

List Price and Weight of Attachments

Chain	List Price per Ft.	Weight per Ft. Lbs.
No. 60		
F-4	$1.70	4.7
H-2	1.30	3.4
K-1	1.20	2.8
R-1	1.05	2.4
R-R	.95	2.5
Rivets per 100	1.60	6.2
Coup. Pins and Cotters per 100	4.10	
No. 60-H		
Rivets per 100	2.30	8.2
Coup. Pins and Cotters per 100	5.00	
No. 73		
F-4	2.30	7.5
K-1	1.80	5.4
Rivets per 100	3.40	13.7
Coup. Pins and Cotters per 100	6.20	
No. 74		
F-4	1.90	6.0
H-1	1.65	4.9
H-2	1.65	4.7
K-1	1.20	3.5
R-1	1.05	3.4
R-R	1.15	3.8
Rivets per 100	2.30	9.1
Coup. Pins and Cotters per 100	$5.00	
No. 75		
F-4	1.70	4.0
H-1	1.75	3.9
H-2	1.50	4.1
K-1	1.20	2.7
R-1	1.00	2.4
R-R	1.20	2.9
Rivets per 100	1.80	6.9
Coup. Pins and Cotters per 100	4.30	
No. 78		
A-1	1.60	4.8
A-1 and 6-C Flight Wing		6.8
F-4	2.25	8.1
G-1	2.30	5.4
G-6	2.50	6.2
G-19	2.50	5.9
H-1	2.10	6.8
H-2	2.00	6.5
K-1	1.60	5.6
M-3	2.50	6.0
R-1	1.25	4.5
R-R	1.35	5.0
Rivets per 100	3.80	19.0
Coup. Pins and Cotters per 100	6.90	
No. 82		
F-4	$2.30	8.9
F-44	2.75	10.6
K-2	1.95	7.6
M-3	3.50	8.5
R-1	1.65	6.0
R-R	1.70	6.5
Rivets per 100	6.00	29.0
Coup. Pins and Cotters per 100	9.60	
No. 87		
F-4	2.80	9.7
K-2	2.60	8.7
Rivets per 100	9.30	40.0
Coup. Pins and Cotters per 100	13.80	
No. 95		
F-4	2.50	7.6
K-2	2.10	6.6
Rivets per 100	5.80	24.0
Coup. Pins and Cotters per 100	8.90	
No. 124		
F-4	3.05	11.8
K-2	2.80	11.3
Rivets per 100	14.60	66.0
Coup. Pins and Cotters per 100	21.20	

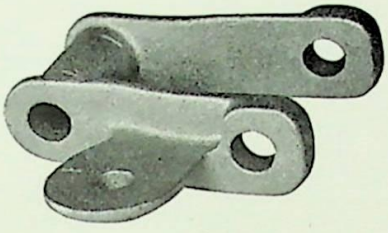
Bold Face Type Indicates carried in Stock Sizes.

For List Price of Wing Attachments, see page 120.

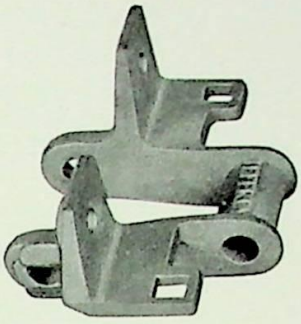
For List of Sprockets, see pages 135-136 for Cast Iron and 155 for Cast Steel

Jeffrey Reliance Riveted Saw Mill Chains

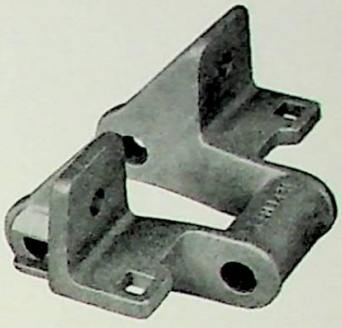
Attachments



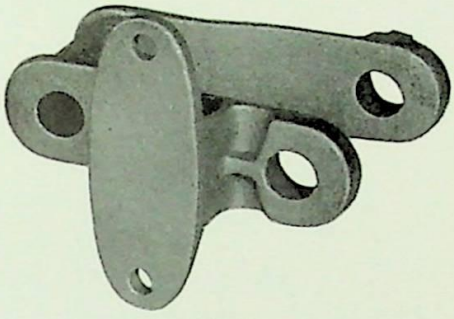
A-1



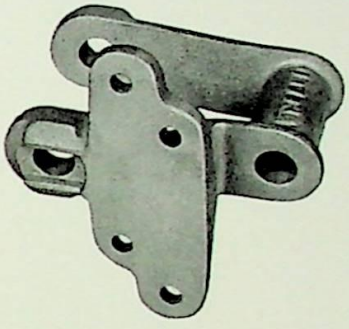
F-4



F-44

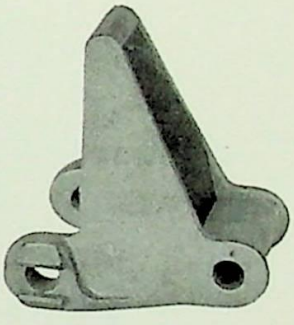


G-1

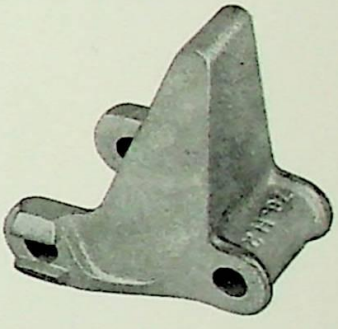


G-6

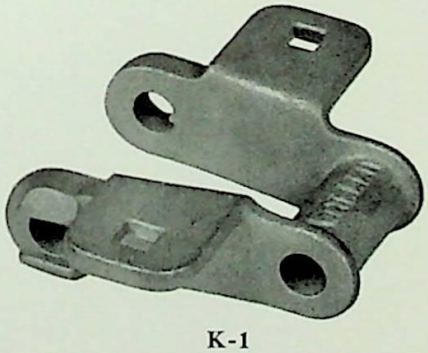
G-19



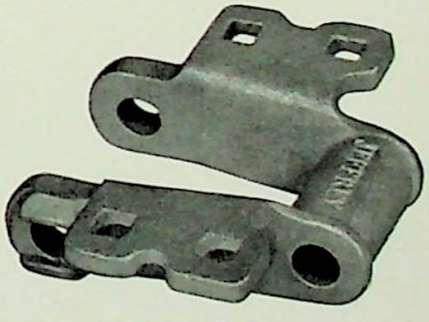
H-1



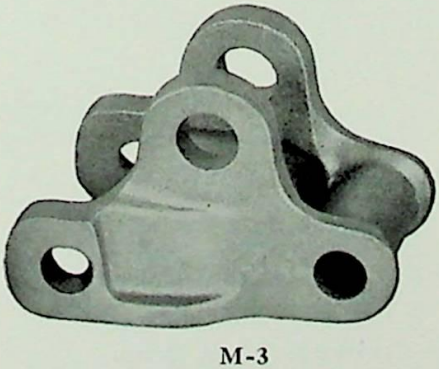
H-2



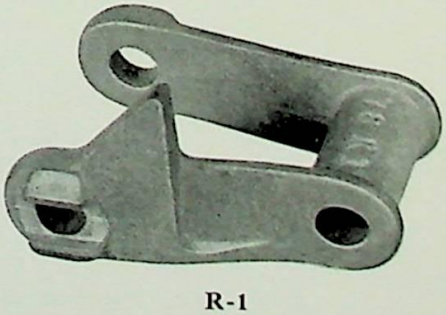
K-1



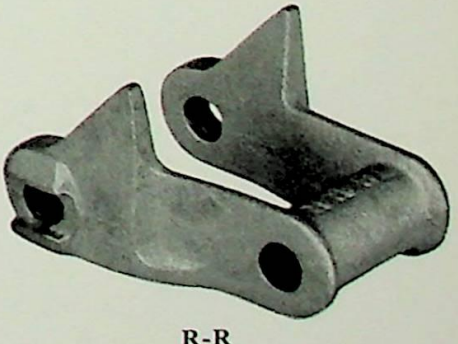
K-2



M-3



R-1

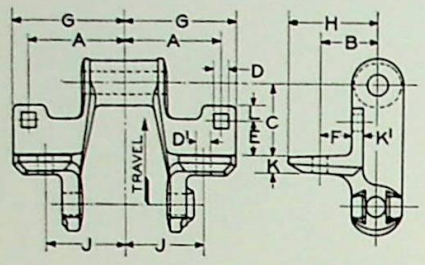


R-R

Jeffrey Reliance Riveted Saw Mill Chains

Dimensions of Attachments

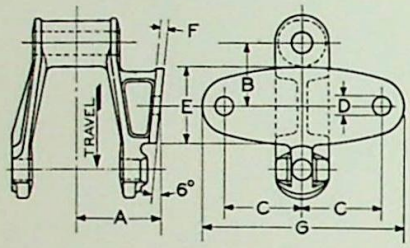
F-4 Attachment



Has Square-Straight Holes for D.
Has Round-Straight Holes for D1.

Chain No.	A	B	C	D Diam. of Bolts	D-1 Diam. of Bolts	E	F	G	H	J	K	K1	L
60	1 31/32	1 1/4	1 7/16	5/16	3/8	3/4	7/8	2 5/16	2	1 17/32	9/32	7/32	3/8
73	2 3/16	1 1/2	1 11/32	5/16	3/8	3/4	7/8	2 9/16	2 3/16	1 3/4	3/8	1/4	5/16
74	2 1/16	1 3/8	1 7/16	5/16	3/8	3/4	7/8	2 7/16	2 1/8	1 5/8	5/16	1/4	3/8
75	1 7/8	1 1/8	1 11/16	5/16	5/16	3/4	3/4	2 11/32	1 3/4	1 7/16	5/16	3/16	13/32
78	2 1/4	1 7/16	1 5/8	3/8	3/8	15/16	7/8	2 5/8	2 3/16	1 7/8	3/8	1/4	3/8
82	2 1/2	1 1/2	1 13/16	3/8	3/8	7/8	7/8	2 29/32	2 5/16	2 1/16	3/8	9/32	3/8
87	2 5/8	1 5/8	2 5/8	3/8	3/8	1 3/16	7/8	5 3/4	2 9/16	2 1/8	1/2	1/4	7/16
95	1 31/32	1 1/2	2 1/8	3/8	3/8	1	7/8	3 1/8	2 1/4	2 3/8	7/16	1/4	7/16
124	2 5/8	1 21/32	2 1/2	3/8	3/8	1 1/16	7/8	3 1/16	2 25/32	2 3/16	1/2	9/32	1/2

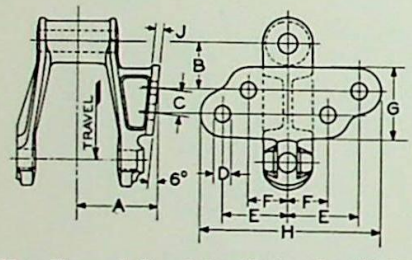
G-1 Attachment



Has Round-Straight Holes for Bolts.

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
78	1 3/4	1 19/64	1 5/16	5/16	1 3/16	3/16	3 1/2

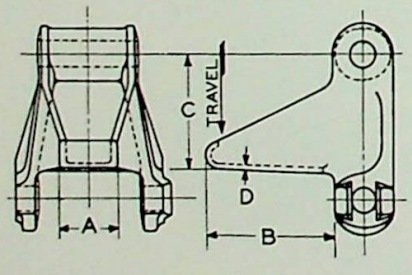
G-6 Attachment



Has Round-Straight Holes for Bolts.

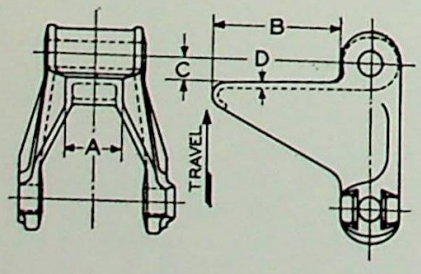
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J
78	1 3/4	1 3/32	9/16	1/4	1 17/32	7/8	1 1/2	3 7/8	1/4

H-1 Attachment



Chain No.	A	B	C	D
74	1 1/8	2 1/2	2	1/8
75	1 1/16	2 5/8	1 29/32	1/8
78	1 1/8	3 1/16	2 1/8	1/8

H-2 Attachment



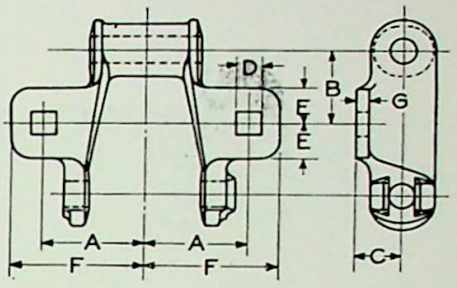
Chain No.	A	B	C	D
60	1	2 1/16	5/16	3/32
74	1 1/8	2 11/16	5/16	1/8
75	1 1/16	2 9/16	3/16	1/8
78	1 1/8	2 15/16	5/16	1/8

Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Reliance Riveted Saw Mill Chains

K-1 Attachment

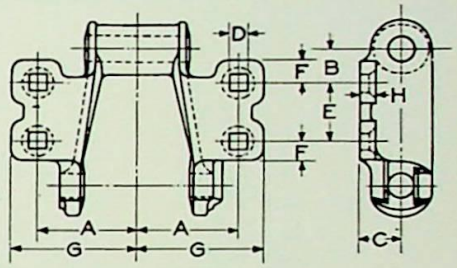
Chain No.	A	B	C	D Diam of Bolts	E	F	G
60	1 1/2	1 1/4	3/4	5/16	9/16	2	3/16
73	2	1 5/32	7/8	3/8	5/8	2 9/16	3/16
74	1 7/16	1 7/16	11/16	5/16	17/32	2	7/32
75	1 13/32	1 3/8	5/8	5/16	25/32	2	5/32
78	2	1 11/32	13/16	3/8	11/16	2 1/2	7/32



Has Square-Countersunk Holes on Nos. 60, 74, 75 and 82.
Has Square-Straight Holes on Nos. 73 and 78.

K-2 Attachment

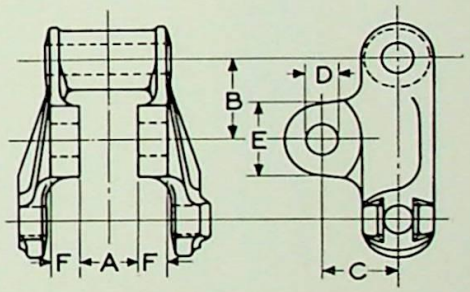
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
82	2 1/8	11/16	7/8	3/8	1 5/16	1/2	2 11/16	5/16
87	2 5/8	1 3/16	1 3/16	3/8	1 15/16	19/32	3 1/8	5/16
95	2 19/32	1 1/2	13/16	3/8	1 3/4	9/16	3 3/32	1/4
124	2 5/8	1 3/16	1 3/16	3/8	1 15/16	1/2	3 3/16	5/16



Has Square-Countersunk Holes on Nos. 82 and 95.
Has Square-Straight Holes on Nos. 87 and 124.

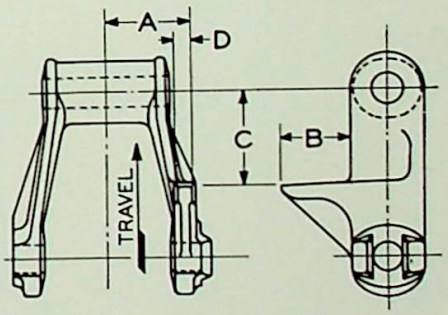
M-3 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F
78	1 1/16	1 5/16	1 5/16	5/8	1 1/4	3/8
82	1 1/16	1 17/32	1 3/8	5/8	1 3/8	9/16



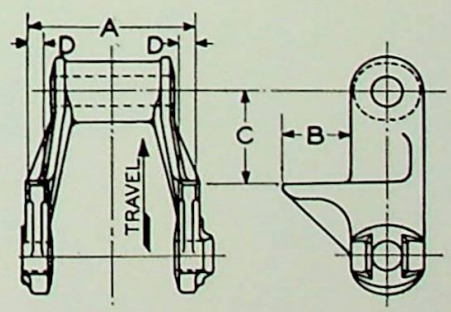
R-1 Attachment

Chain No.	A	B	C	D
60	1 1/16	3/4	1 3/16	7/32
74	1 1/8	1	1 1/2	3/16
75	1 1/8	1	1 1/2	1/4
78	1 1/4	1	1 1/2	1/4
82	1 1/2	1 1/4	1 7/8	9/32



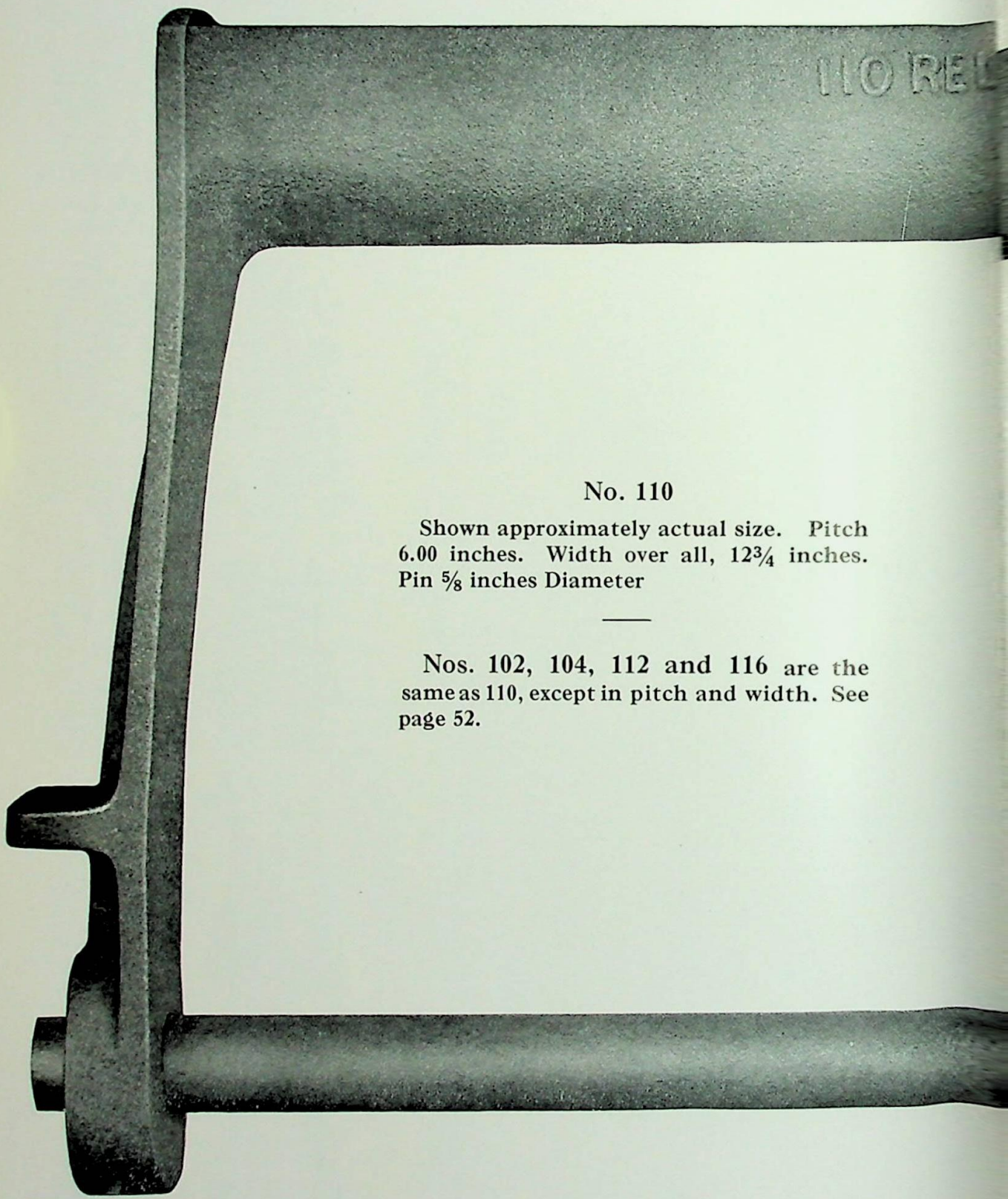
R-R Attachment

Chain No.	A	B	C	D
60	2 1/8	3/4	1 3/16	3/16
74	2 1/4	1	1 1/2	3/16
75	2 1/4	1	1 1/2	9/32
78	2 1/2	1	1 1/2	3/16
82	3	1 1/4	1 7/8	9/32



Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Reliance Saw Mill Drag Chains



No. 110

Shown approximately actual size. Pitch 6.00 inches. Width over all, 12¾ inches. Pin ⅝ inches Diameter

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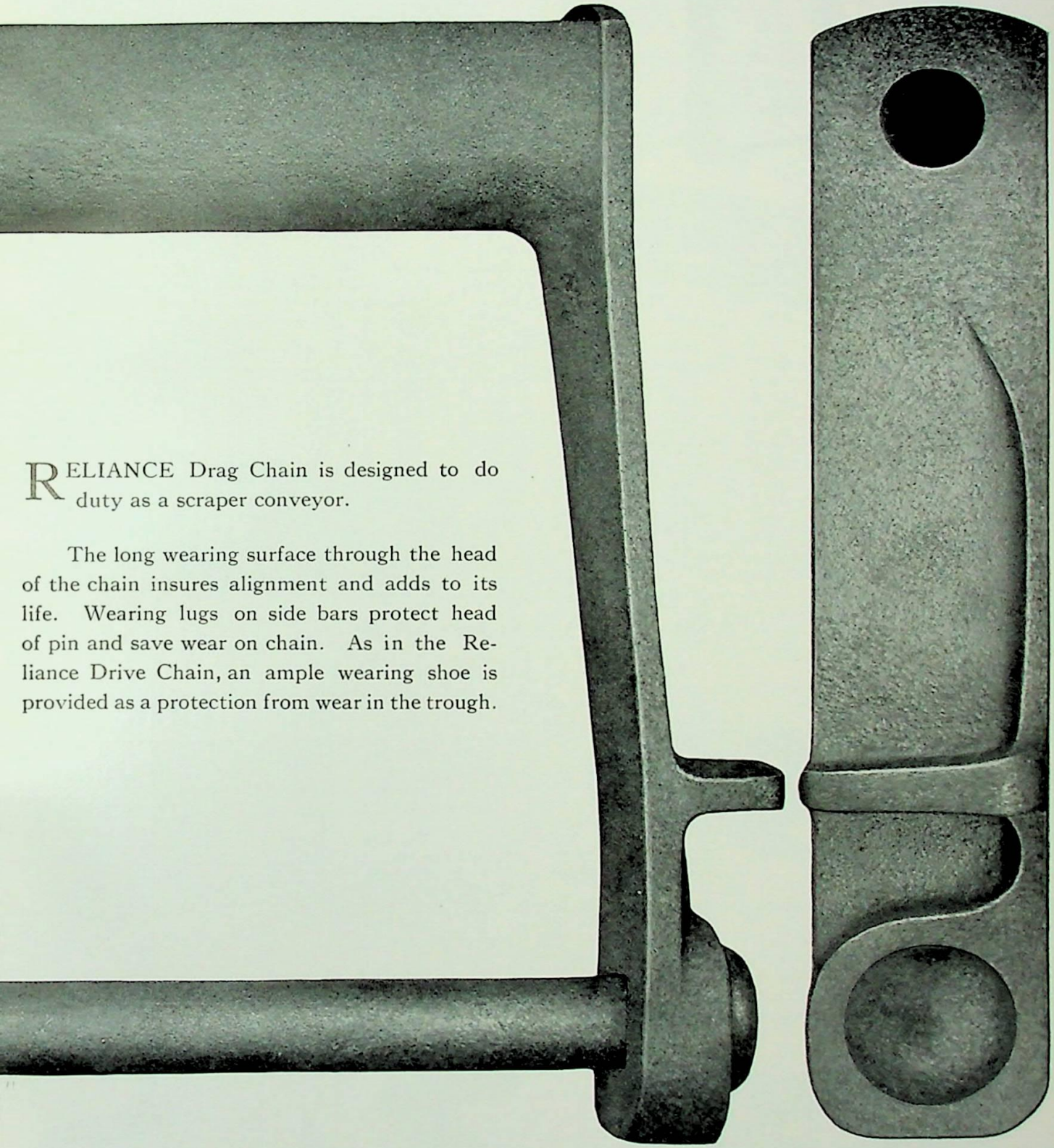
Nos. 102, 104, 112 and 116 are the same as 110, except in pitch and width. See page 52.

Jeffrey Reliance Saw Mill Drag Chains

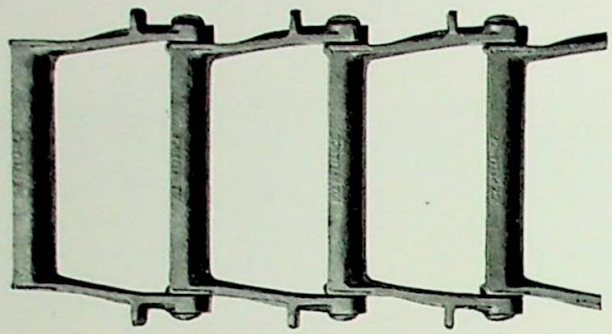


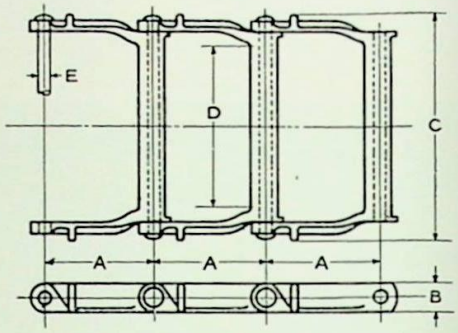
RELIANCE Drag Chain is designed to do duty as a scraper conveyor.

The long wearing surface through the head of the chain insures alignment and adds to its life. Wearing lugs on side bars protect head of pin and save wear on chain. As in the Reliance Drive Chain, an ample wearing shoe is provided as a protection from wear in the trough.

End View

Jeffrey Reliance Saw Mill Drag Chains





List Price and Dimensions

Chain No.	List Price Per Foot	A Pitch In.	Average Weight Per Foot Lbs.	‡ Working Strength at 150 F. P. M. Lbs.	§ Max. Speed F. P. M	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Width of Side Bar In.	C Overall In.	D Max Width of Sprocket In.	E Dia. of Pin In.
97	$1.95	5.00	7.8	3400	200	20000	97	1 3/8	6 5/16	3 1/2	9/16
102	2.30	5.00	10.7	4200	200	28000	102	1 1/2	9 7/8	6 3/8	5/8
104	1.80	6.00	8.0	4200	200	28000	104	1 1/2	7 1/4	4 1/8	5/8
110	2.50	6.00	12.9	4200	200	28000	110	1 1/2	12 3/4	9	5/8
112	2.30	8.00	10.8	4200	200	28000	112	1 1/2	12 3/4	9	5/8
116	3.00	8.00	14.0	4200	200	28000	116	1 5/8	16 1/2	13	5/8
117	4.25	8.00	20.9	5000	200	38000	117	1 11/16	17 1/2	12 7/8	3/4
120	3.70	6.00	18.5	5000	200	38000	120	2	12 13/16	8 3/4	3/4
480	3.40	8.00	18.1	5000	200	40000	480	2	16 1/8	11 1/8	3/4
***967**	3.10	6.00	16.7	5000	200	30000	967	1 9/16	12 1/2	9	3/4
1156	3.00	6.00	13.7	5000	200	35000	1156	1 9/16	9 3/4	6 5/16	3/4

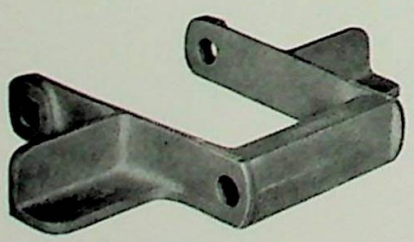
*Sometimes known as No. 113.
Those Chains in **Bold Face Type** are Carried in Stock Sizes; all others are made on order only.
‡Working Strengths in table are increased or decreased for speeds other than 150 ft. per minute, see page 121.
§Economical speeds in gritty materials not to exceed 100 feet per minute.

For List of Sprockets, see pages 136 and 147.

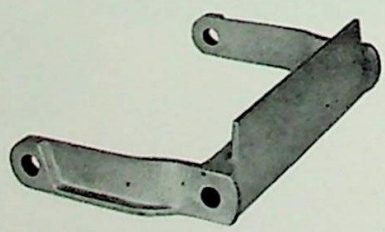
List Price of Attachments

Chain	List Price Per Foot	Av. Weight Per Ft. Lbs.	Chain	List Price Per Foot	Av. Weight Per Ft. Lbs.
No. 97			**No. 116**		
Rivets per 100	$12.00	47.0	**Rivets per 100**	$29.10	145.0
No. 102			**No. 117**		
Wing	3.60	12.9	Rivets per 100	44.70	223.0
Rivets per 100	18.70	90.0	**No. 120**		
No. 104			**Rivets per 100**	30.20	161.0
Wing	2.70	9.6	**No. 480**		
Rivets per 100	14.40	65.0	**Rivets per 100**	37.70	193.0
No. 110					
Wing	3.75	14.6			
C-1	4.25	14.6	**No. 967**		
R-R	4.10	15.2	**Rivets per 100**	34.10	170.0
Rivets per 100	21.10	112.0			
No. 112			**No. 1156**		
Rivets per 100	21.10	112.0	Rivets per 100	20.60	122.0

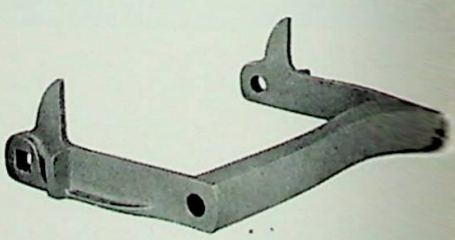
Bold Face Type indicates Carried in Stock Sizes.



Wing Attachment

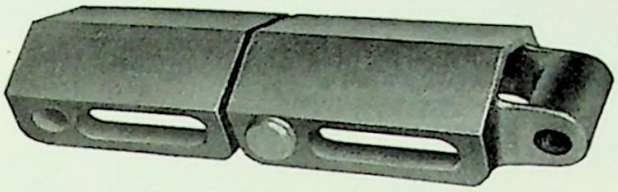


C-1 Attachment

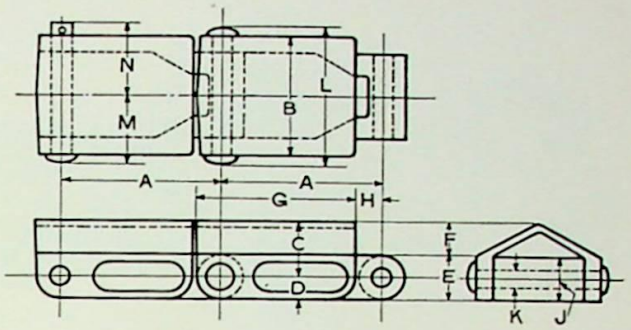


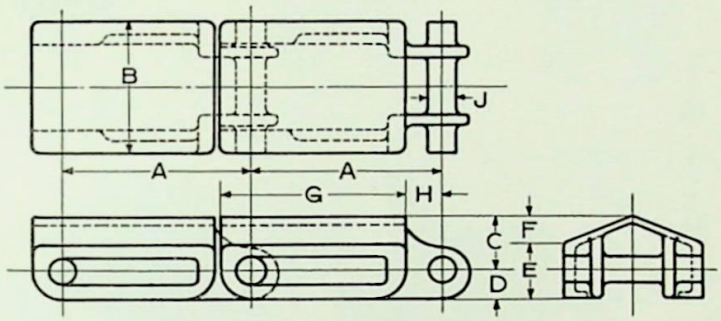
R-R Attachment

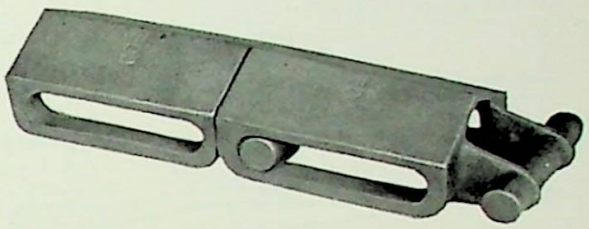
Jeffrey Reliance Transfer Chains



"Reliance" Transfer Chain—Type 1

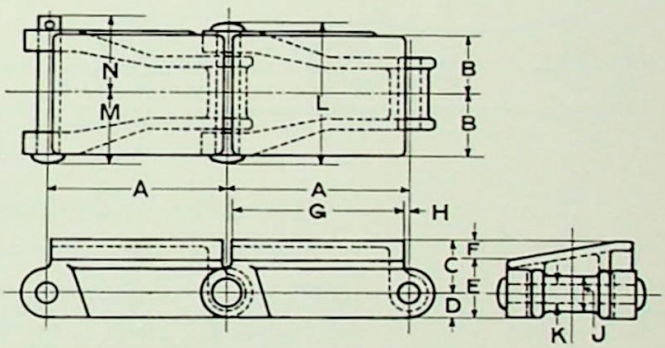


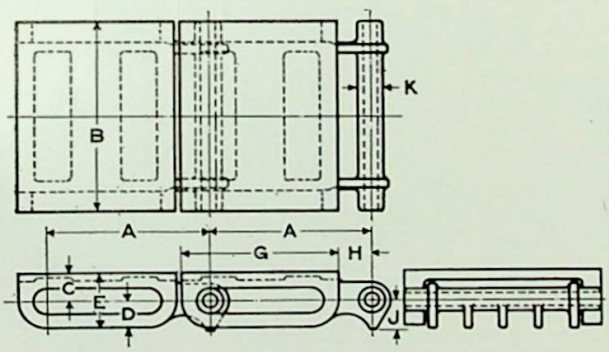


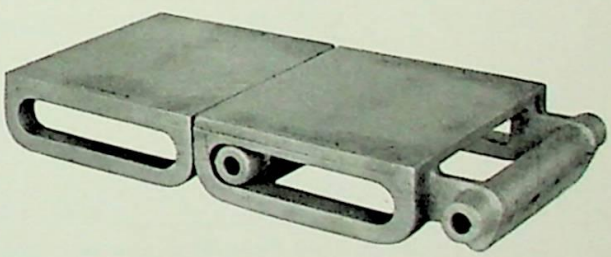


"Detachable" Transfer Chain—Type 2

"Reliance" Transfer Chain—Type 3







"Reliance" Transfer Chain—Type 4

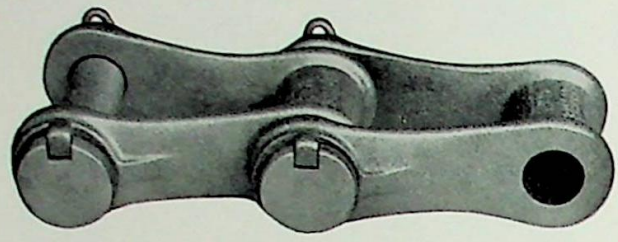
List Price and Dimensions

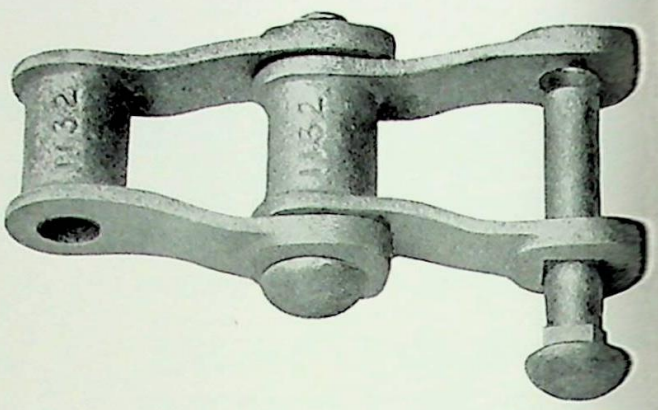
Chain No.	List Price Per Foot	List Price Pins Per 100	Type	A Pitch Ins.	Aver. Weight Per Foot Pounds	‡ Working Strength at 150 F. P. M.	§ Max. Speed F.P.M.	Average Ultimate Strength Pounds	Works on Sprockets No.	B	C	D	E	F	G	H	J	K Dia. of Pin	L Overall Wth.	M	N
130	$1.50	$3.80	1	4	5.2	2300	200	15000	130	2 13/16	1 1/8	9/16	1 1/16	5/8	3 7/8	3/4	1	1/2	3 1/4	1 5/8	1 23/32
131	2.10	9.30	1	4	8.4	4200	200	23000	131	3 7/16	1 5/8	5/8	1 1/2	3/4	3 7/8	15/16	1 1/4	5/8	4	2	2 5/32
132	2.30	4.20	3	4	7.0	2500	200	15000	132	1 1/2	1 7/16	9/16	1 3/8	5/8	3 7/8	1/8	1 1/8	1/2	3 9/16	1 23/32	1 7/8
500	1.30	Det.	2	4	4.1	1400	200	12000	500	2 29/32	1 3/16	19/32	1 1/8	21/32	3 7/8	29/32	5/8	5/8	3 1/16	.....	.....
535	3.30	Det.	4	6.25	12.5	3000	200	25000	535	7 1/16	1 3/32	1	2 3/32	....	6 1/8	1 3/16	2 1/8	1	.....	.....	.....

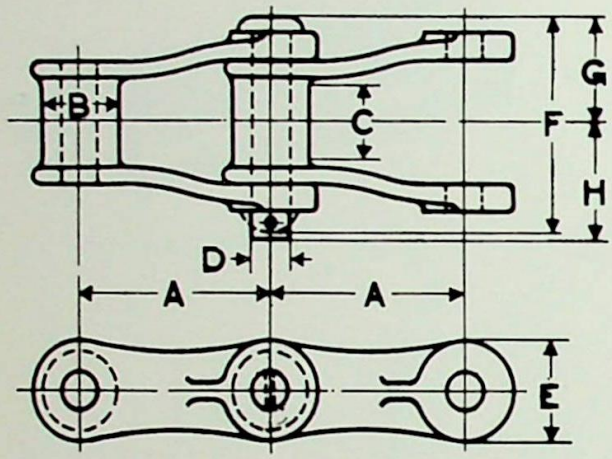
Bold Face Type Indicates carried in Stock Sizes.
‡Working strengths in table are increased or decreased for speeds other than 150 ft. per minute, see page 121.
§Economical speeds are not over half of maximum speeds.

For List of Sprockets, see page 136.

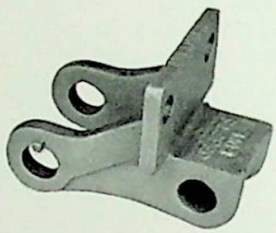
Jeffrey Pintle Chains







Attachments



F-2

K-2

List Price and Dimensions of Plain Chains

Chain No.	List Price Riveted Chain Per Foot	List Price Coupled Chain Per Ft.	A Pitch In.	Approx. Links in 10 Feet of Chain	Average Weight Per Ft. Pounds	‡Working Strength in Lbs at 150 Ft. Per Min.	§Max Speed Feet per Min.	Average Ultimate Strength Pounds	Works on Sprockets Number	B Diam. of Barrel	C Max. Width of Sprocket	D Dia. of Pin	E	F Overall Riveted Chain	Chain With Coupling Pins G	Chain With Coupling Pins H
1	$0.85	$1.00	2.028	59	2.8	2000	600	13000	1 Pintle	7/8	9/16	1/2	1 1/8	2 3/8	1 3/16	1
34H	.80	.....	1.398	86	1.4	1150	700	7000	34 Det.	1/2	1/2	9/32	3/4	1 11/16	27/32	
H567	.65	.75	2.160	56	1.9	1200	600	7000	H-567	3/4	11/16	3/8	1	2 1/8	1 1/16	1
H630	1.00	1.15	1.632	73	2.2	1500	600	9000	H-630	3/4	13/16	7/16	7/8	2 15/32	1 5/32	1
1152	.72	.85	1.506	80	2.0	1100	600	7500	52 Det.	11/16	11/16	3/8	13/16	1 29/32	31/32	
1155	.85	.95	1.631	74	1.9	1220	700	7300	55 Det.	23/32	11/16	3/8	27/32	2 1/16	1 1/32	1
1158	1.00	1.10	2.01	60	3.2	2000	600	12000	1158	15/16	13/16	1/2	1 1/8	2 19/32	1 19/64	1
1162	1.15	1.25	1.654	73	2.5	1500	600	9000	62 Det.	13/16	7/8	7/16	15/16	2 7/16	1 3/16	1
4103	1.25	1.35	3.075	39	5.7	5500	500	33000	103 Det.	1 7/32	1 1/8	3/4	1 1/2	3 1/4	1 5/8	1

Those Chains in **Bold Face Type** are carried in Stock Sizes; all others are made on order only.
‡Working Strengths in table are increased or decreased for speeds other than 150 ft. per minute, see page 121.
§Economical speeds are not over half of maximum speeds.

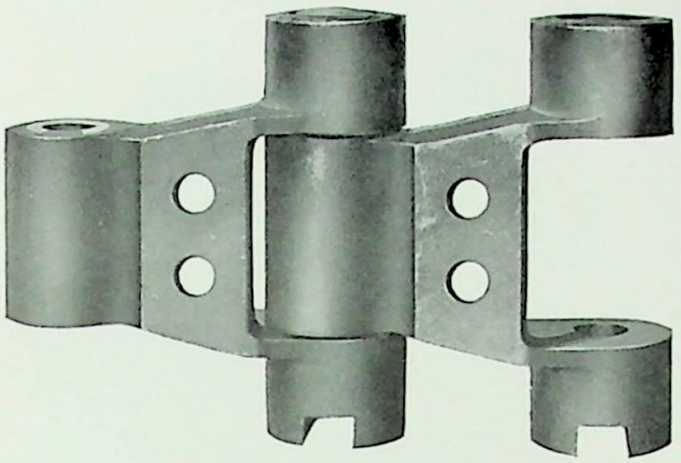
For List of Sprockets, see page 137 for Cast Iron and 155 for Cast Steel.

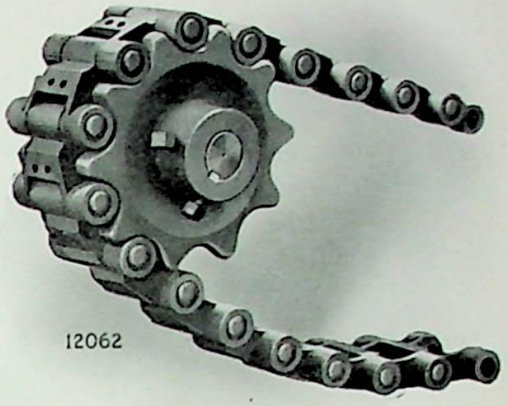
List Price and Weight of Attachments

Chain	List Price Per Foot		Weight Per Foot, Lbs.
	Riveted	Coupled	
No. 4103			
F-2	$ 2.10	$ 2.10	8.1
K-2	1.90	2.00	8.0
Rivet Pins per 100	11.00		44.00 per 100
Coupling Pins per 100		17.60	48.00 per 100

Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Intermediate Carrier Chain



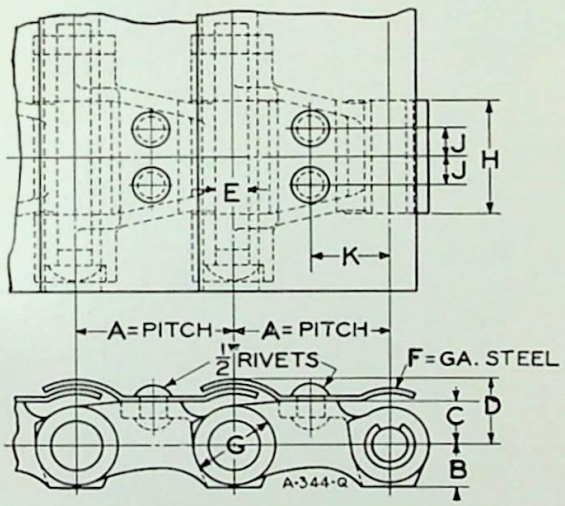


List Prices and Dimensions

Chain No.	List Price per Foot: Standard Steel Bushings and Pins	List Price per Foot: Stainless Bushings and Pins	A Pitch In.	Average Weight per Foot Lbs.	Working Strength in Lbs. at 150 Ft. per Min.	Average Ultimate Strength Lbs.	Dimensions—Inches: B	C	D	E	F	G	H	J	K
901E43	$3.80	$6.70	3.149	11.5	3000	25000	15/16	13/16	1 1/4	5/8	10	1 7/16	2 9/32	35/64	1 3/4
1090	3.90	6.90	2.98	12.0	3000	25000	25/32	7/8	15/16	5/8	10	1 9/16	2 9/32	15/32	1 1/2

Jeffrey Intermediate Cane Carrier Chains are designed to work with sprockets cast in pairs, the driving action taking place on the round barrels on either side of the chain. This eliminates the packing of material under the flights which often causes the chain to jump the sprockets.

The Chain is made of refined malleable iron and is fitted with renewable hardened steel bushings. Number 1090 is interchangeable with No. 1½ M. R. except for the drilling of the flights. It will also work on No. 1½ sprockets mounted in pairs at 4 inch centers.



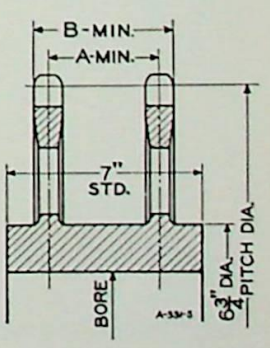
List Price of Detachable Parts—Per 100

Parts	901 E-43: List Price	901 E-43: Weight	1090: List Price	1090: Weight
Steel Pins per 100	$30.00	51	$30.00	51
Steel Bushings per 100	20.00	17	20.00	17
Stainless Pins per 100	80.00	51	80.00	51
Stainless Bushings per 100	50.00	17	50.00	17

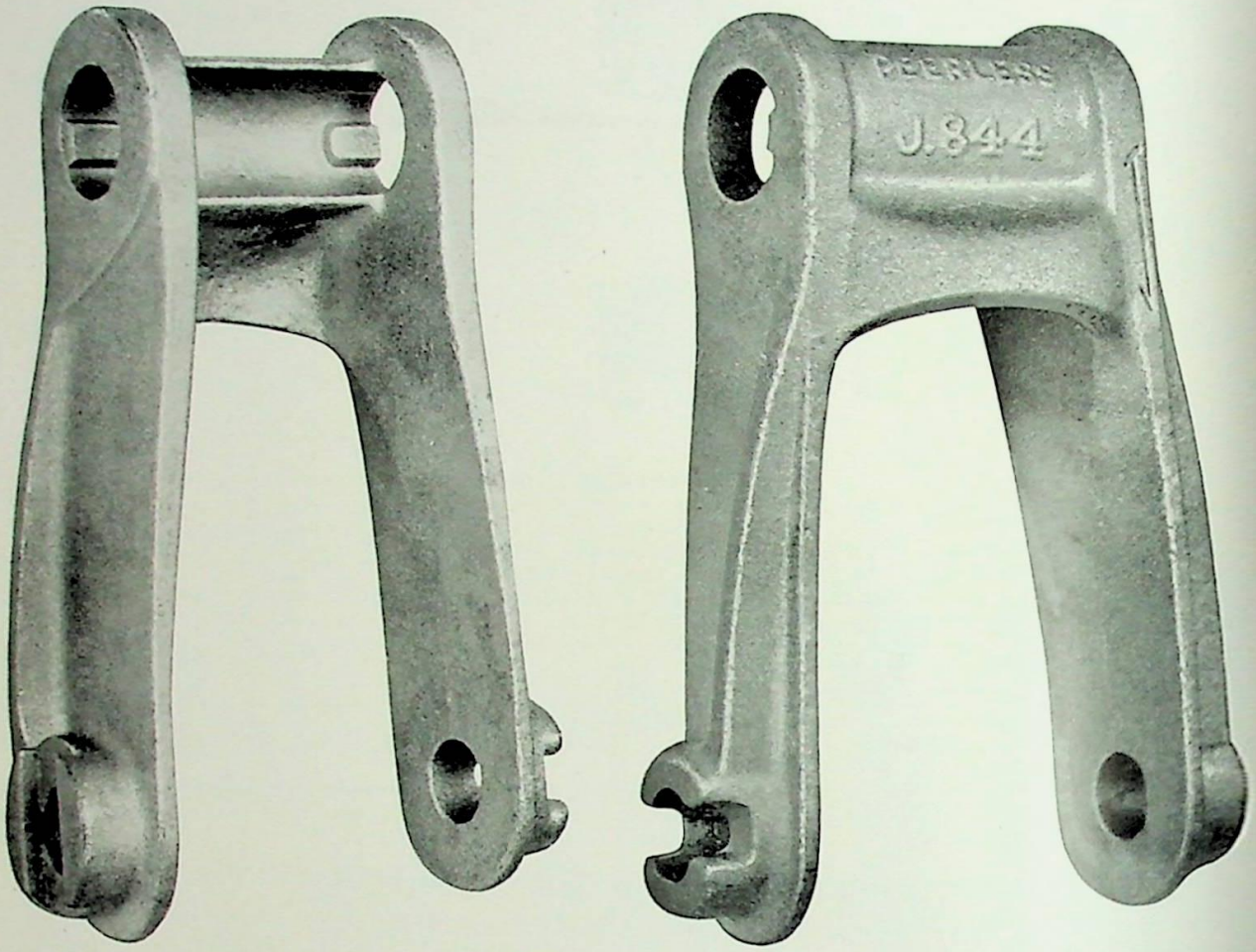
The parts of the link coming in contact with the guides are reinforced to allow for wear, thus adding to the life of the chain.

List Prices of Cast Iron Double Sprockets

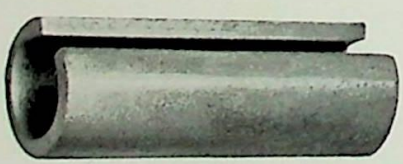
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.: Driven	Pattern No.: Driver	List Price Each	Max. Bore In.	Average Weight Each Lbs.	A In.	B In.
No. 901 E-43								
10	10¼P	65126	65126	$18.60	2 15/16	60	4¼	5 3/16
12	12⅛P	65125	65125	21.60	2 15/16	87	4¼	5 3/16
16	16⅛P	65124	65124	27.60	2 15/16	102	4¼	5 3/16
No. 1090								
10	9¾P	65084	65084	$18.00	2 15/16	56	4	5
12	11½P	65097	65097	20.60	2 15/16	84	4	5
13	12½P	65063	65063	22.00	2 15/16	92	4	5
15	14½P	65100	65100	24.80	2 15/16	110	4	5
16	15¼	64567		26.40	2 15/16	118	4	5
18	17¼P	64887	64887	29.40	2 15/16	130	4	5
22	21P	64757	64757	35.60	2 15/16	160	4	5



Jeffrey Peerless Chains



Front and rear views of Jeffrey Peerless Chain Link without bushing.



Hardened Steel Bushing

Coupling Pin

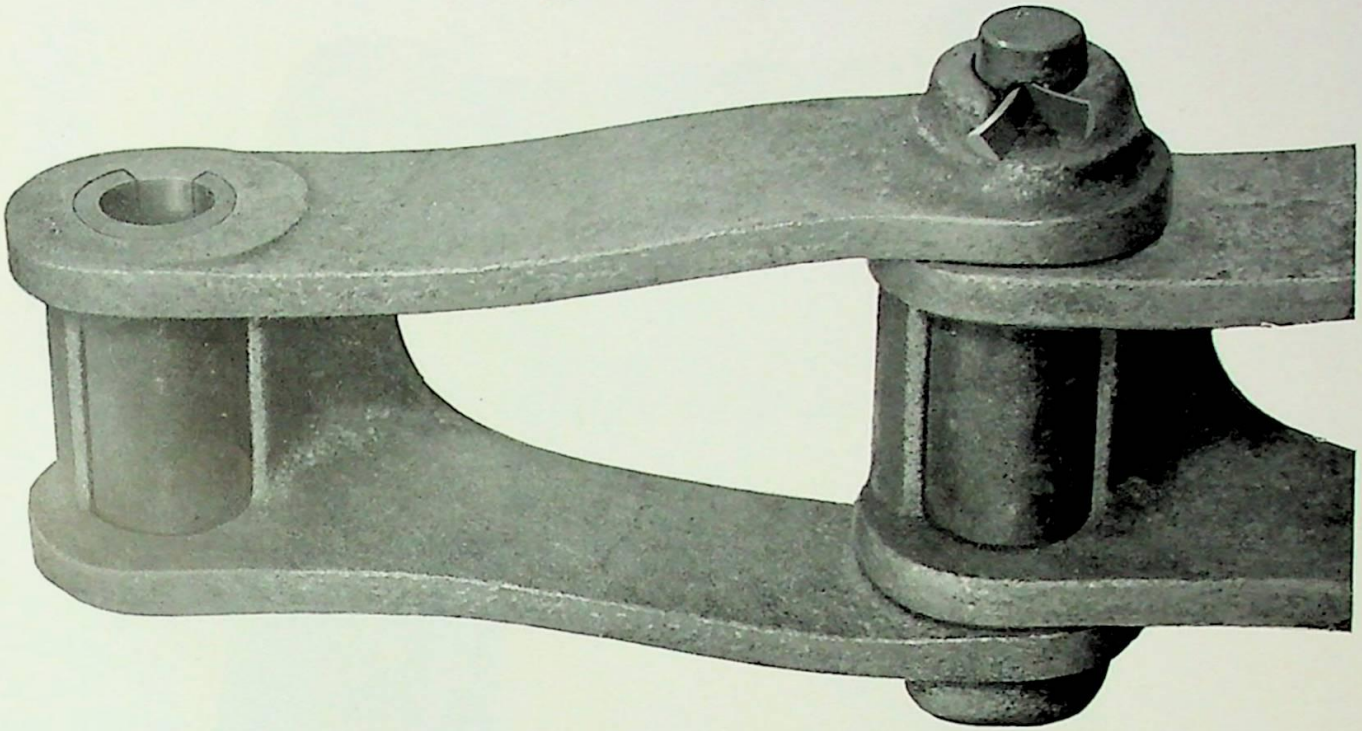
PEERLESS Chain is the next step in refinement to Reliance chain, a hard steel bushing being so embodied in the design as to internally receive any wear from movement of pin and externally take any wear incident to contact with sprockets.

In application the Peerless Chain is especially fitted to heavy elevator service in semi-gritty materials and for chain drives where much wear from long service would be expected.

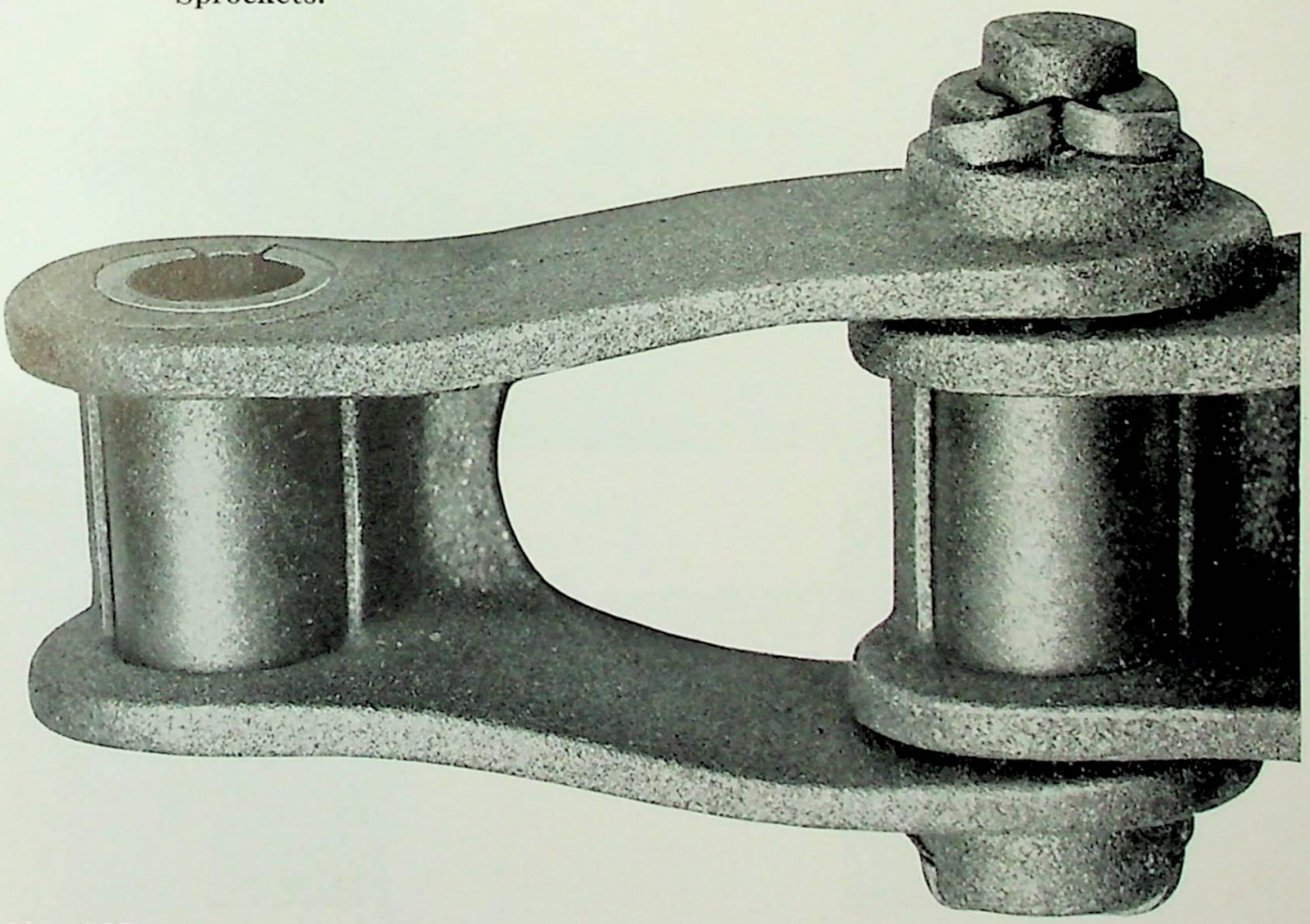
Peerless Chain is extensively used for elevator service in the cement industry with K-2 Attachments applying to the back of buckets on single strand elevators and the G-6 Attachments on the ends of the buckets for double strand elevators.

Jeffrey Peerless Chains

Shown approximately actual size.



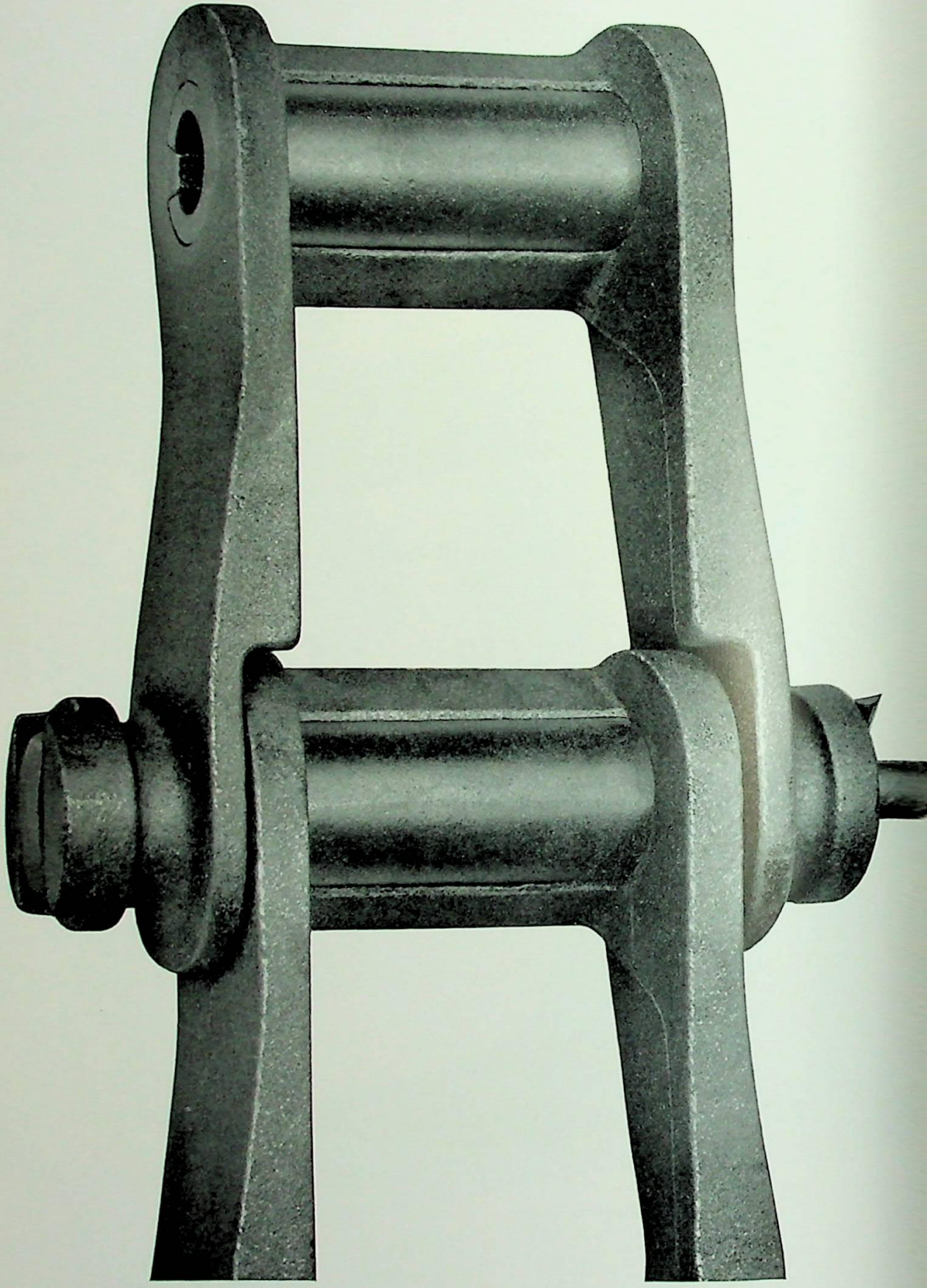
No. 823—Pitch 4.00 Inches. Average Ultimate Strength, 19,000 lbs. Use No. 823 Sprockets.



No. 825—Pitch 4.00 Inches. Average Ultimate Strength, 30,000 lbs. Use No. 825 Sprockets.

Jeffrey Peerless Chains

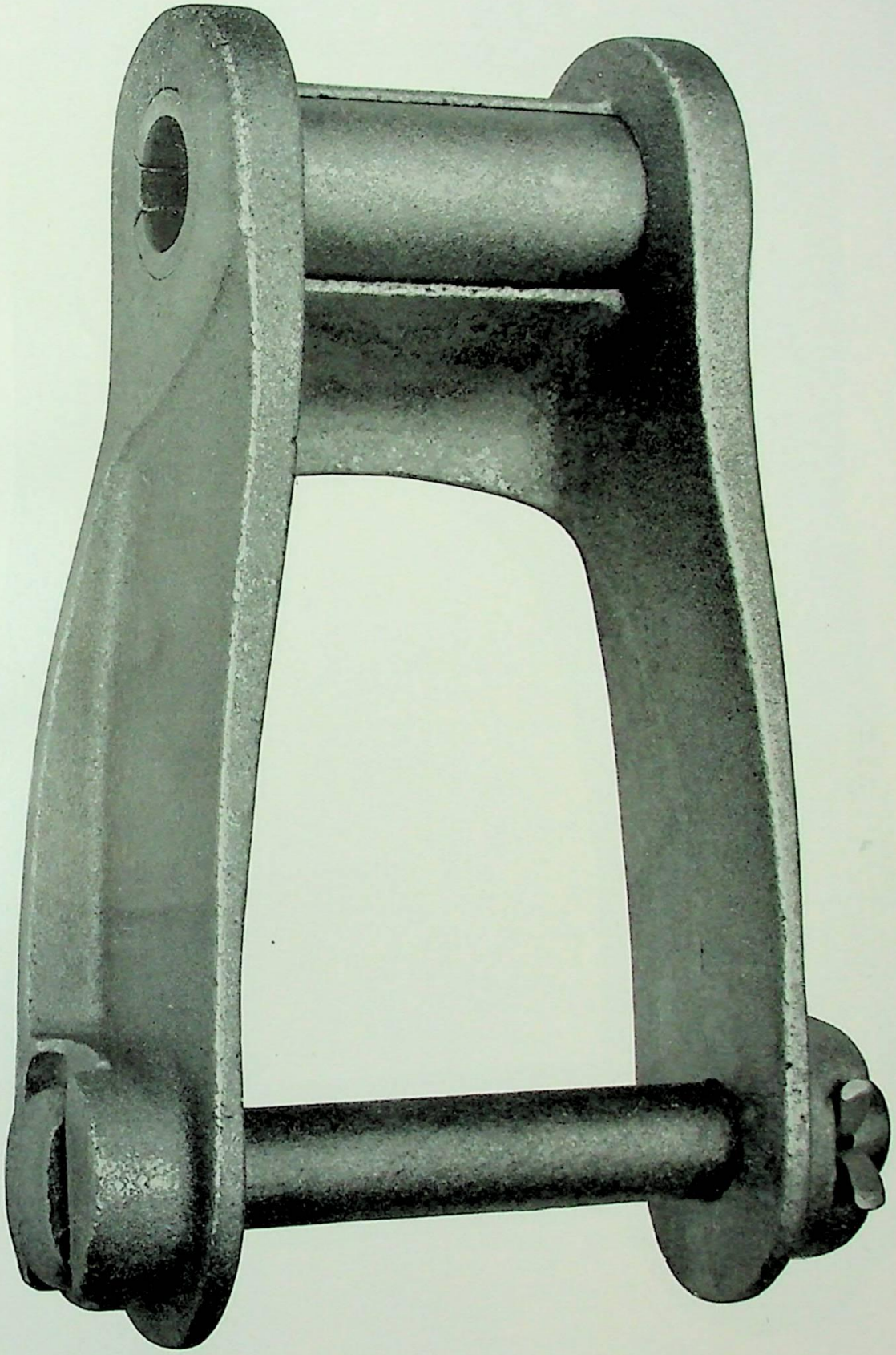
Shown approximately actual size.



No. 835—Pitch 4.00 inches. Average Ultimate Strength, 25,000 lbs.
Use Sprockets No. 835.

Jeffrey Peerless Chains

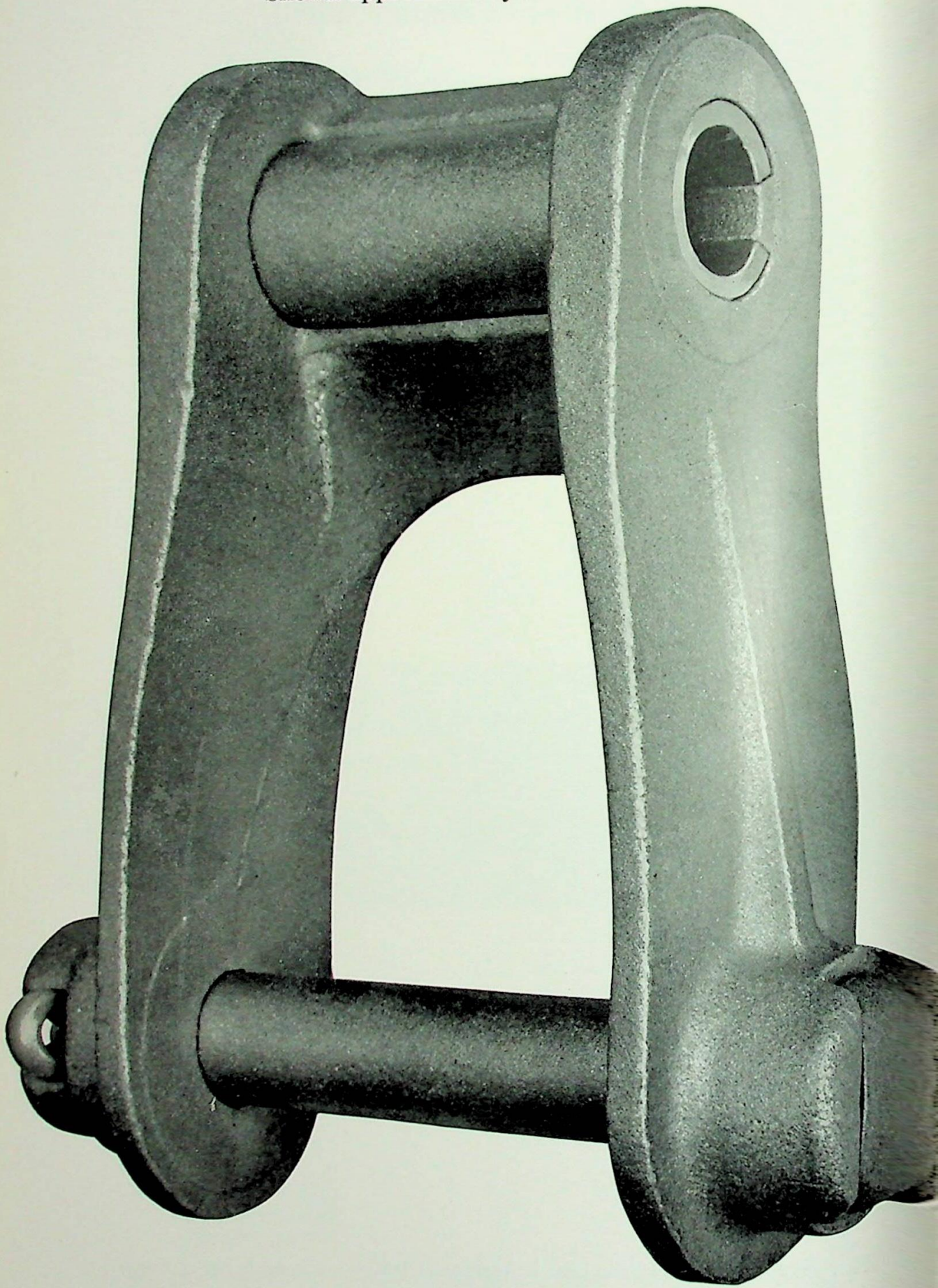
Shown approximately actual size.



No. 844—Pitch 6.00 inches. Average Ultimate Strength, 40,000 lbs.
Use Sprockets No. 844.

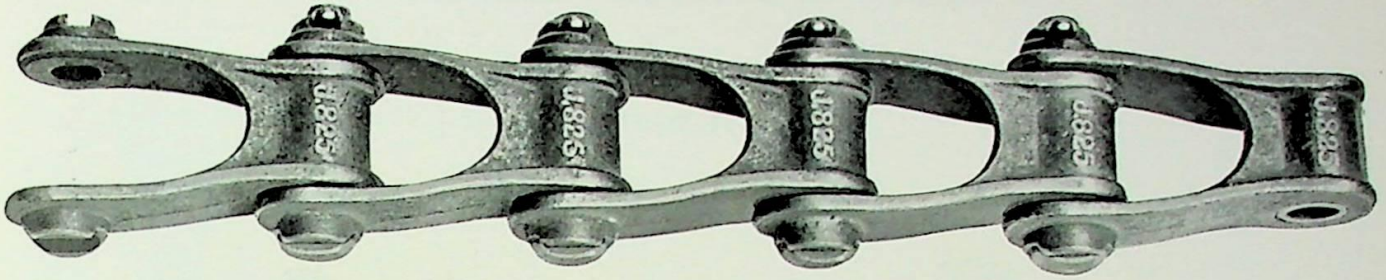
Jeffrey Peerless Chains

Shown approximately actual size

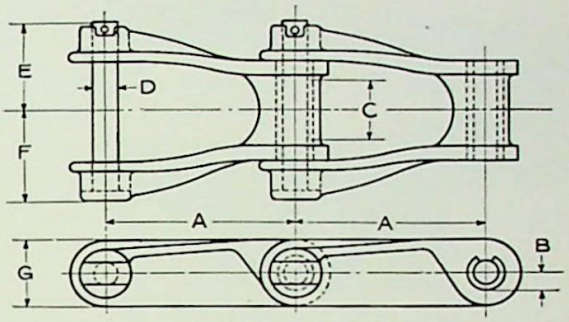


No. 847—Pitch 6.075 inches. Average Ultimate strength, 60,000 lbs. Use Sprockets No. 847.

Jeffrey Peerless Chains



List Price and Dimensions of Plain Chain



Chain No.	List Price per Ft. Plain Chain	A Pitch In.	Average Weight per Ft. Lbs.	‡Working Strength in Lbs. at 150 Ft. per Min.	§Max. Speed Ft. per Min.	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Radius of Thimble In.	C Max. Sprocket Width In.	D Diam of Pin In.	Overall E	Overall F	Overall G
823	$1.80	4.000	4.9	3000	500	19000	823	25/64	1 1/8	1/2	1 13/16	1 13/16	1 3/8
825	2.60	4.000	9.6	5075	450	30000	825	37/64	1 1/4	3/4	2 9/16	1 3/4	2
830	2.20	6.000	8.3	5075	450	30000	830	37/64	1 5/16	3/4	2 15/64	2 5/64	1 7/8
†835	3.30	4.000	10.0	4700	450	25000	835	33/64	2 1/4	5/8	3 5/32	2 27/64	1 7/8
†843	4.00	6.000	10.8	6200	400	35000	843	37/64	1 11/16	3/4	3 11/32	2 23/32	2 1/4
844	3.20	6.000	11.8	7750	400	40000	844	37/64	2 1/4	3/4	3 3/16	2 7/8	2 1/8
847	5.50	6.075	20.5	12750	350	60000	847	45/64	2 7/8	1	3 27/32	3 17/32	2 11/16

Bold Face Type Indicates Carried in Stock Sizes to cover all reasonable demands; all others subject to occasional delay.

‡**Working Strengths** are increased or decreased for speeds other than 150 F. P. M., see page 121.

†**Milled Pin Type.**

§**Economical Speeds** are not over half of maximum speeds.

For List of Sprockets, see pages 137 for Cast Iron and 156 for Cast Steel.

List Price and Weight of Attachments

Chain	List Price Per Foot	Weight Per Foot, Lbs.
No. 823		
A-43	$2.60	6.7
A-43 with 24-A Bucket Wing		7.7
F-2	2.80	7.8
G-6	3.00	6.5
K-2	2.50	7.0
Pins, each	.15	.23
Bushings, each	.10	.14
No. 825		
****A-42**	3.80	12.2
F-2	4.00	12.3
G-6	4.00	12.6
K-2	3.80	14.1
Pins, each	.30	.6
Bushings, each	.20	.33
No. 830		
****A-42**	3.00	9.8
F-2	3.30	10.5
G-6	3.30	10.6
K-2	3.20	12.9
Pins, each	.30	.6
Bushings, each	.20	.33

Chain	List Price Per Foot	Weight Per Foot, Lbs.
No. 835		
K-2	$4.10	13.6
Pins, each	.30	.5
Bushings, each	.25	.4
No. 843		
K-2	4.80	13.5
Pins, each	.45	.85
Bushings, each	.30	.5
No. 844		
K-2	3.70	16.5
Pins, each	.40	.85
Bushings, each	.30	.5
No. 847		
K-2	7.00	27.5
Pins, each	.80	1.96
Bushings, each	.50	.8

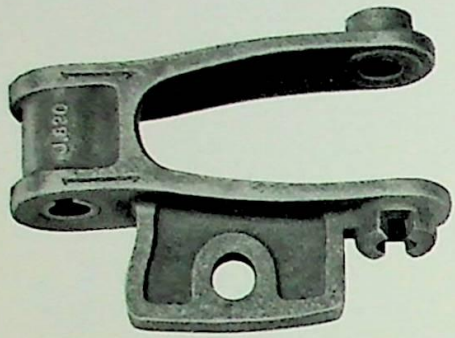
****Bucket Wings can be furnished for A-42 Attachment for No. 825 and No. 830 Chains. Prices on application.

Bold Face Type Indicates carried in Stock Sizes.

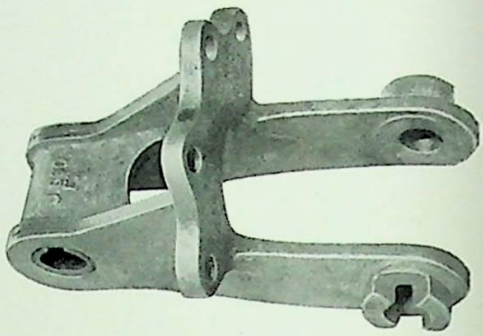
For List Price of Wing Attachments, see page 120.

Jeffrey Peerless Chains

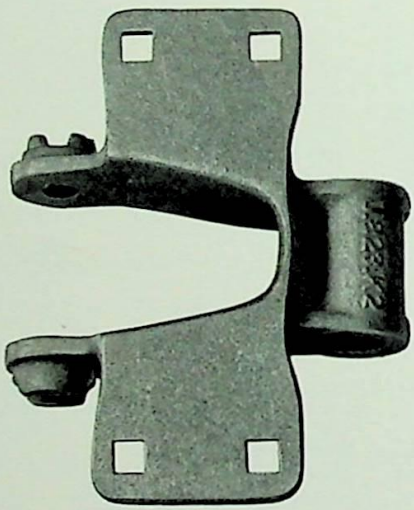
Attachments



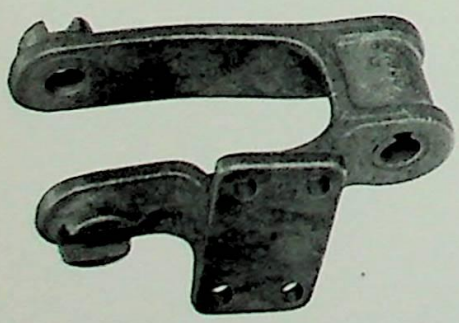
A-42 and A-43



F-2



K-2 on Nos. 823 and 835



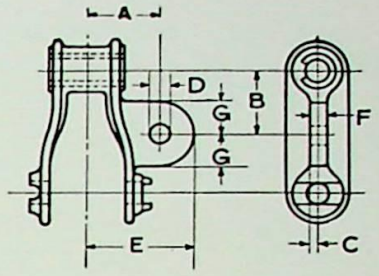
G-6

K-2 on Nos. 825, 830, 843, 844 and 847

Jeffrey Peerless Chains

A-42 and A-43 Attachments

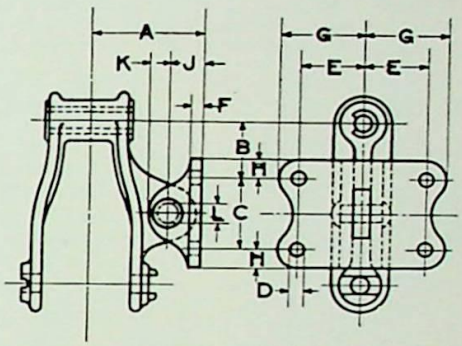
Chain No.	Name of Attach-ments	A	B	C	D Diam. of Bolts	E	F	G
823	A-43	1 13/16	2 5/16	13/64	7/16	2 7/16	13/32	5/8
825	A-42	2 3/4	2 1/8	5/16	5/8	3 5/8	5/8	7/8
830	A-42	2 9/16	3	5/16	3/4	3 3/8	5/8	1 15/16



Has Round-Straight Holes for Bolts.

A-43 With Bucket Wing Attachment

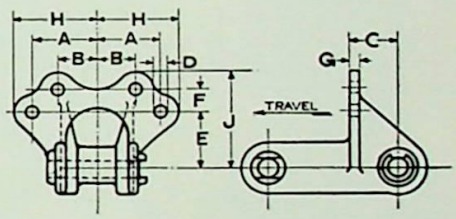
Chain No.	Name of Attach-ments	A	B	C	D Diam. of Bolts	E	F	G	H	J	K	L Dia. of Rivet
823	A-43 & 24-A	2 9/16	1 7/16	1 3/4	5/16	1 1/2	1/4	2	1/2	3/4	1/2	7/16



Has Round-Straight Holes for Bolts

F-2 Attachment

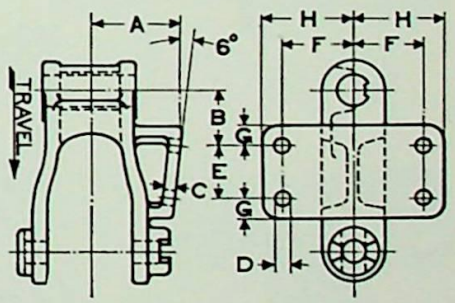
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J
823	2 1/8	1	2	3/8	2 1/8	1 5/16	5/16	2 5/8	3 15/16
825	2 1/8	1	2 5/16	3/8	2 1/8	1 5/16	5/16	2 5/8	4
830	2 1/8	1	3 1/4	3/8	2	1 5/16	3/8	2 11/16	3 7/8



Has Round-Straight Holes for Bolts.

G-6 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
823	2	1 3/8	1/4	5/16	1 1/4	1 5/8	7/16	2 1/16
825	2 3/8	1 3/8	3/8	3/8	1 1/4	1 3/4	1/2	2 3/8
830	2 5/8	2 3/8	5/16	3/8	1 1/4	1 1/4	1/2	2 3/8

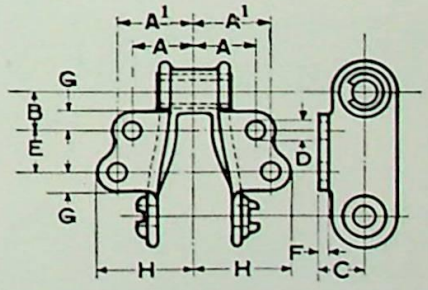


Has Round-Straight Holes for Bolts.

K-2 Attachment

Chain No.	A	A1	B	C	D Diam. of Bolts	E	F	G	H
823	2 5/8	2 5/8	1 5/32	1	3/8	1 11/16	7/32	1/2	3 1/8
825	3	3	1 15/32	1 1/8	1/2	2 5/8	15/32	9/16	3 9/16
830	3	3	1 11/16	1 1/8	1/2	2 5/8	1/2	11/16	3 11/16
835	2 7/8	2 7/8	1 3/8	1 1/8	1/2	1 9/16	5/16	5/8	3 25/32
843	2 7/16	3	1 9/16	1 1/4	1/2	2 3/4	1/2	23/32	3 23/32
844	2 7/16	3	1 9/16	1 3/16	1/2	2 3/4	1/2	3/4	3 23/32
847	4 5/16	4 7/8	1 1/16	1 5/8	3/4	3 1/2	3/8	1 1/16	5 15/16

Bold Face Type Indicates Carried in Stock Sizes.

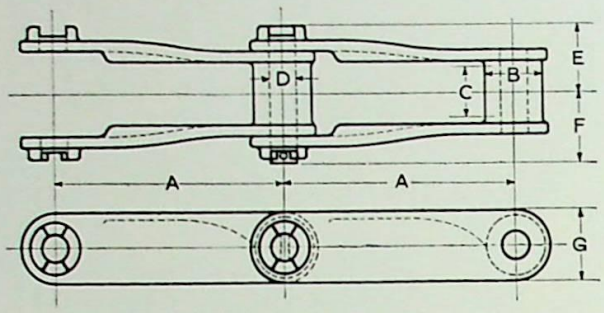


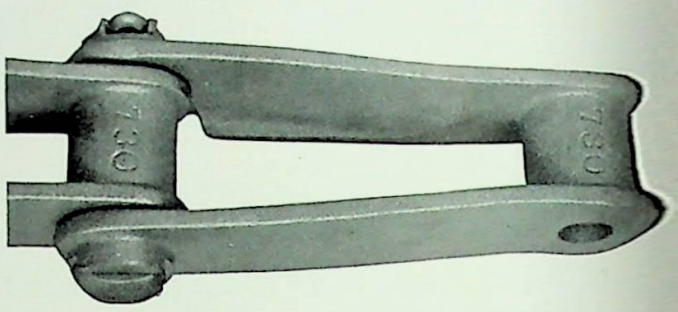
Has Square-Straight Holes on Nos. 823 and 835.
Has Round-Straight Holes on Nos. 825, 830, 843, 844, and 847.

Jeffrey Atlas Chains

A Medium Priced Closed Joint Chain

This chain is interchangeable with similar makes and is extensively used in elevator service for handling semi or moderately gritty materials.





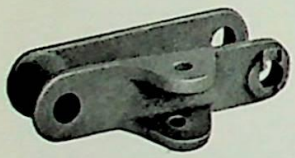
List Price and Dimensions of Plain Chain

Chain No.	List Price Per Foot	A Pitch In.	Average Weight Per Ft. Lbs.	‡Working Strength in Lbs. at 150 Ft. Per Min.	§Max. Speed Ft. per Min.	Average Ultimate Strength Lbs.	Works on Sprockets Number	B Diam. of Barrel	C Max. Sprocket Width	D Dia. of Pin	Overall E	Overall F	Overall G
620	$2.70	5.00	9.3	5000	450	27000	620	1 13/16	1 1/4	15/16	1 31/32	2 9/32	1 7/8
631	2.50	6.00	8.1	5000	400	27000	631	1 13/16	1 1/4	15/16	1 31/32	2 9/32	1 7/8
710	1.60	4.72	6.3	3700	450	22000	108 Det.	1 1/8	2 3/8	11/16	2 11/16	3	1 3/8
***730**	1.50	6.00	6.0	4500	400	30000	730	1 1/2	1 1/8	3/4	1 57/64	1 61/64	1 3/4

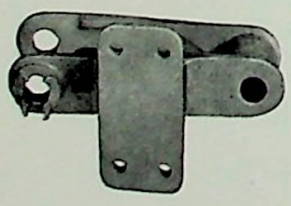
*Popular Size for General Service.
‡Working Strengths in table are increased or decreased for speeds other than 150 feet per minute, see page 121.
§Economical Speeds are half of Max. Speeds.
Bold Face Type Indicates carried in Stock Sizes to cover all reasonable demands; all others subject to occasional delays.

For List of Sprockets, see page 137.

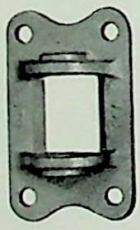
Attachments



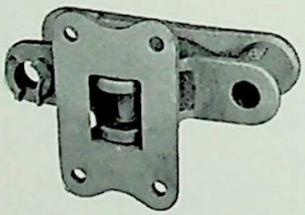
A-53



G-6

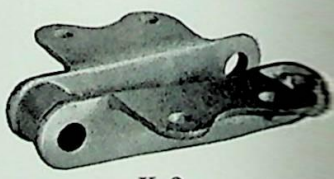


A Bucket Wing



A-53 With A Bucket Wing

F-2



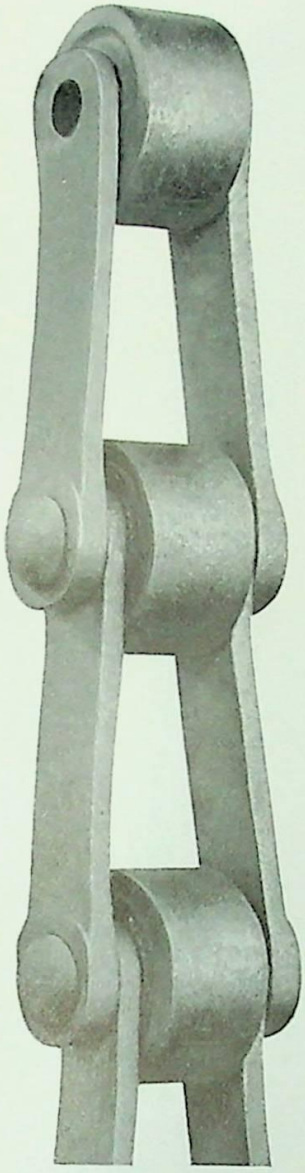
K-2

List Price and Weights of Attachments

Chain	List Price Per Foot	Weight per Foot, Lbs.	Chain	List Price Per Foot	Weight per Foot, Lbs.
No. 631			**No. 730**		
A-53	$3.00	9.5	A-53	$1.90	6.3
A-53 with 26-A		10.5	A-53 with 7-A		9.2
Pins with Cotters, each	.30	.92	F-2	2.30	7.5
No. 710			G-6	2.40	8.4
K-2	2.30	8.1	K-2	2.20	8.6
Pins with Cotters, each	.22	.62	Pins with Cotters, each	.18	.48

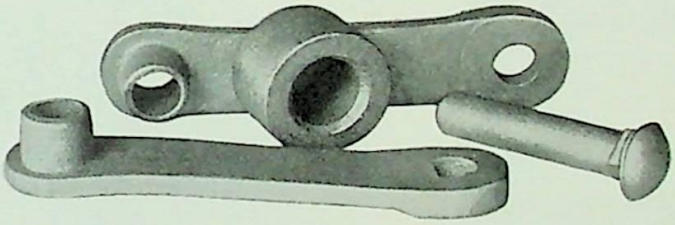
Bold Face Type Indicates carried in Stock Sizes.
For List Price of Wing Attachments, see page 120.

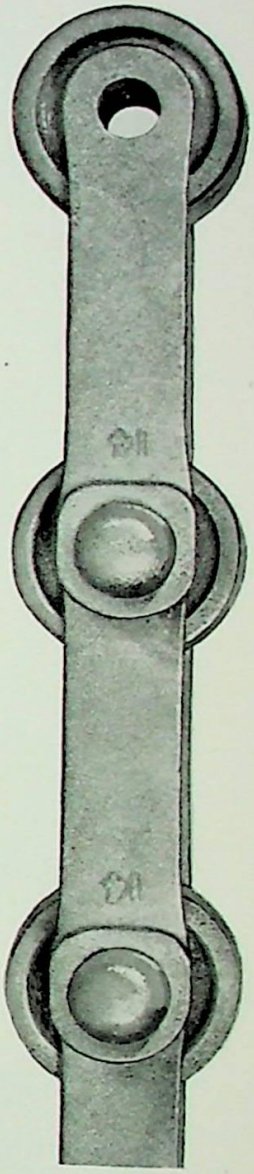
Jeffrey Malleable Roller Chains



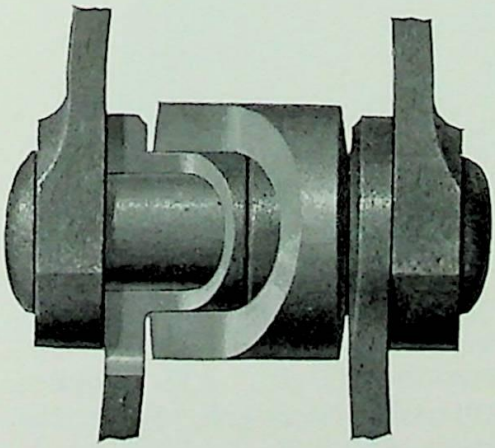
MALLEABLE Roller Chain is the least expensive of the roller type of chains and is adapted to more kinds of conveyors than any other type of malleable chain. It is used with elevators but its natural application is with conveyors where the weight carried makes the rollers operative, thus reducing carrying friction and power. The best service is obtained when handling non-gritty, non-adhesive materials. Many of the shorter pitches make excellent drive chains.

Malleable Roller Chain is so constructed that the rollers revolve on bosses cast integral with the side bars; these bosses acting as thimbles. With the pins held rigidly in place in the outside bars, all wear is confined to the comparatively long surface of the bosses.

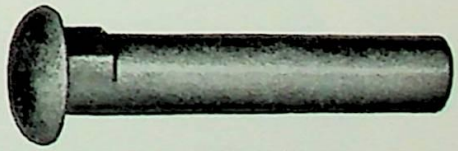




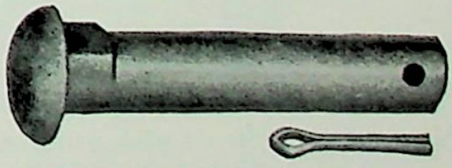
The holes for the pin in the bosses are smoothly cored and those in the other end are punched, thereby insuring an accurate pitch.



Roller Chains are made up with riveted pins, unless otherwise ordered. Chains made up with Coupling Pins throughout on order only, and at extra price. With all riveted chains we furnish coupling pins to join the ends so that they can be readily coupled up.



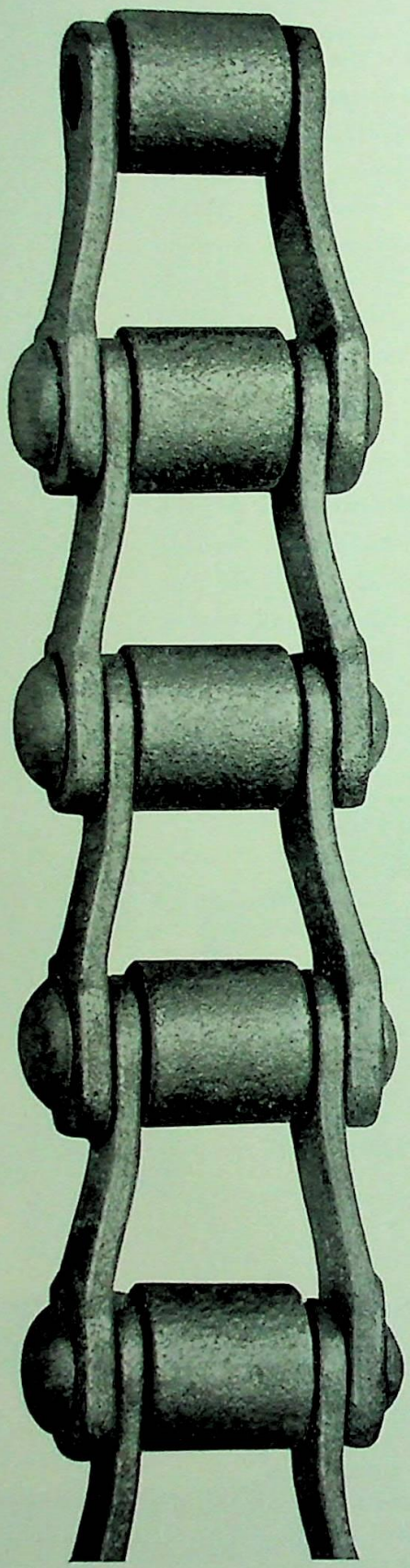
Plain Rivet Pin



Coupling Pin with Cotter

Jeffrey Malleable Roller Chains

Shown approximately actual size

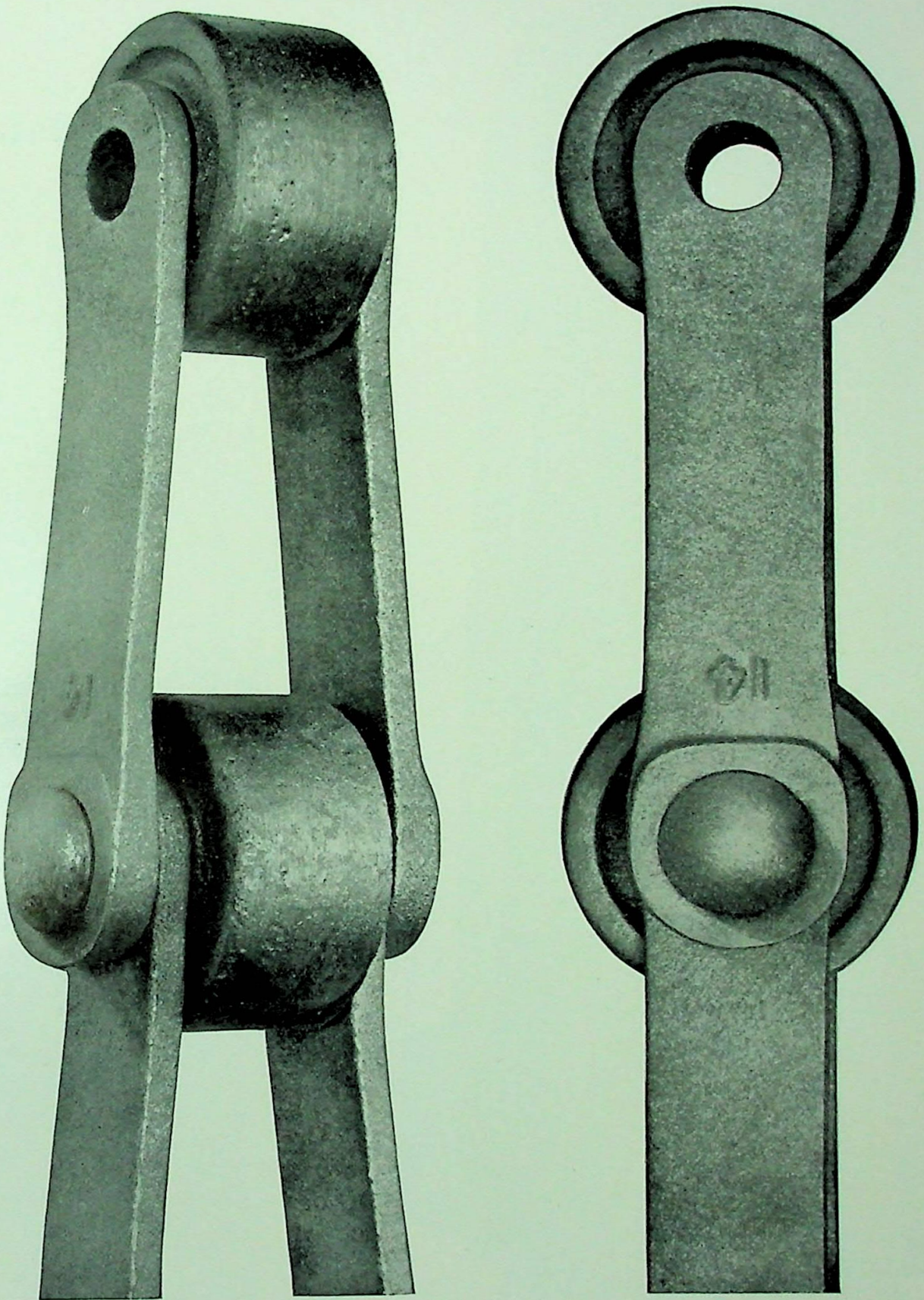


No. 62—Pitch, 1.654 Inches. Average Ultimate Strength, 6,000 lbs. Use Sprockets No. 62 Detachable.

No. 9½ Spec. — Pitch, 2.98 Inches Average Ultimate Strength, 8,000 lbs Use Sprockets No. 9½.

Jeffrey Malleable Roller Chains

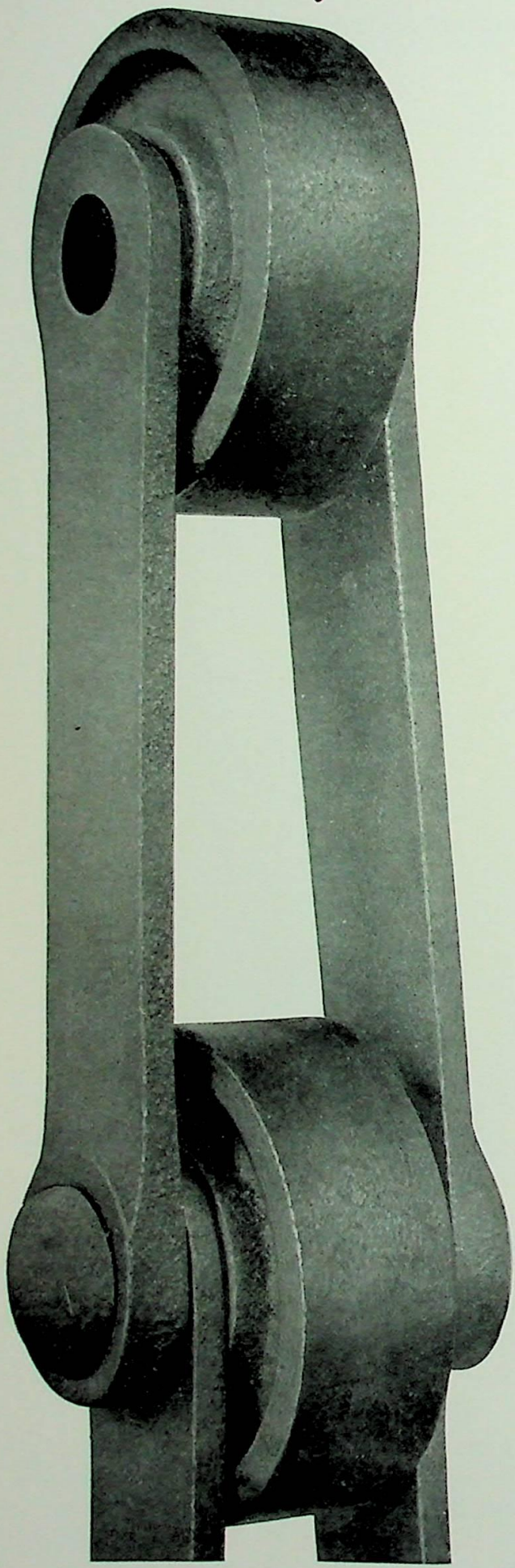
Shown approximately actual size.



No. 14½—Pitch 4.01 Inches. Average Ultimate Strength 11,000 lbs.
Use Sprockets No. 14½.

No. 14—Same No. 14½ Chain except it has $1\frac{7}{16}''$ Diameter Roller.
Use Sprockets No. 14.

Jeffrey Malleable Roller Chains



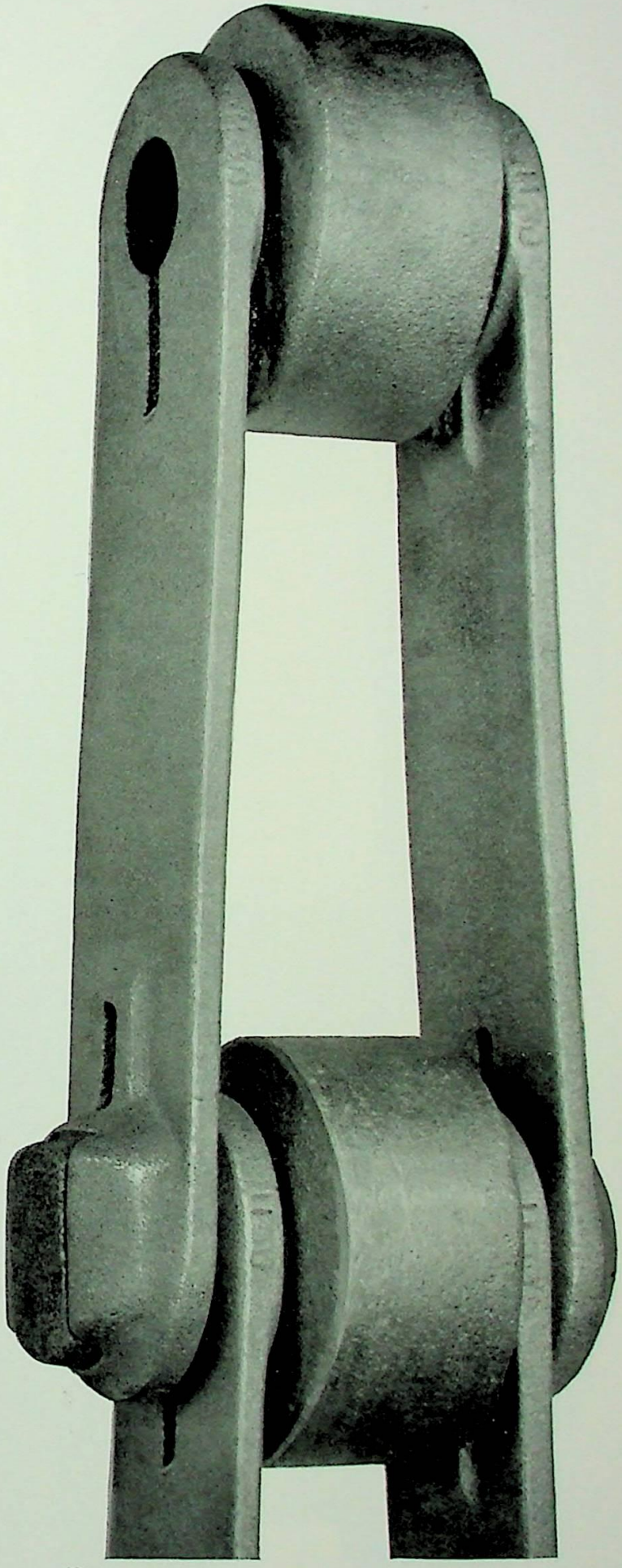
Shown approximately actual size.

No. 126-C—Pitch 6.00 Inches. Average Ultimate Strength, 19,000 lbs. Use Sprockets No. 126-C.

No. 126—Is the same as No. 126-C, except it has 2¼" diam. Roller. Use Sprockets No. 126.

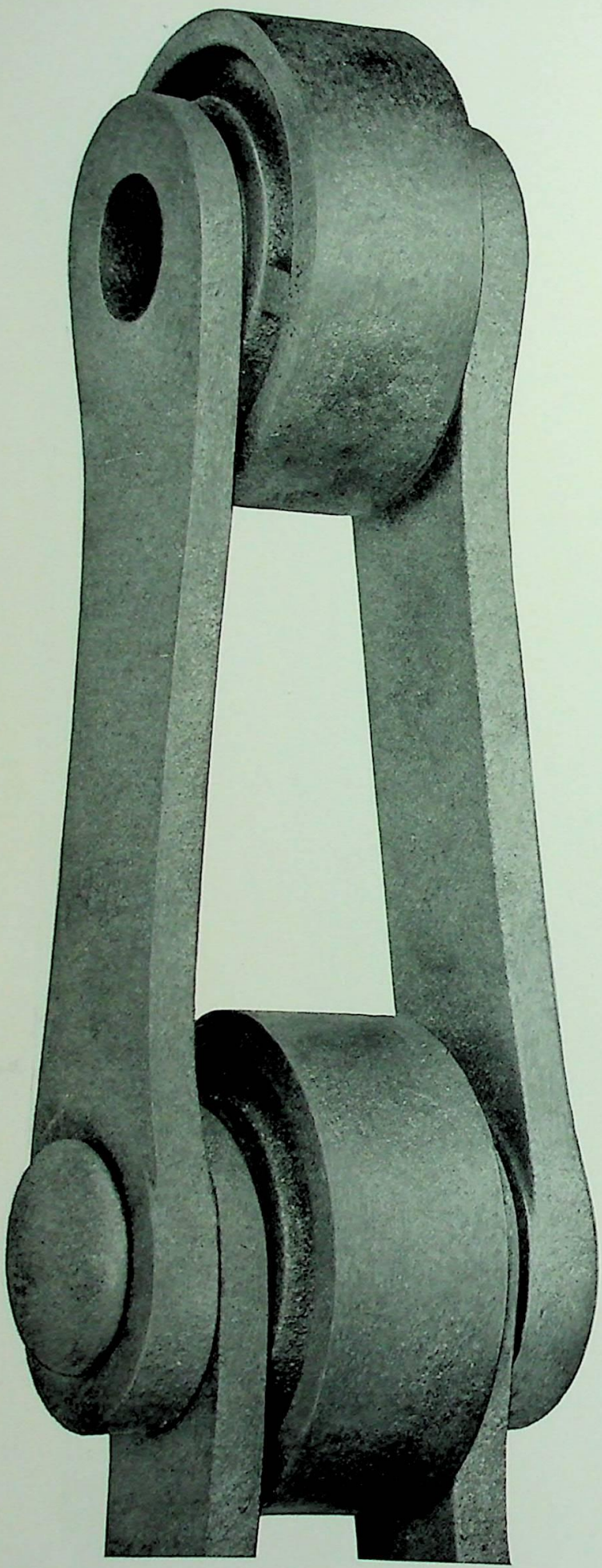
Jeffrey Malleable Roller Chains

Shown approximately actual size.



No. 1130—Pitch, 6.00 Inches. Average Ultimate Strength, 25,000 lbs. Use Sprockets No. 1130.

Jeffrey Malleable Roller Chains



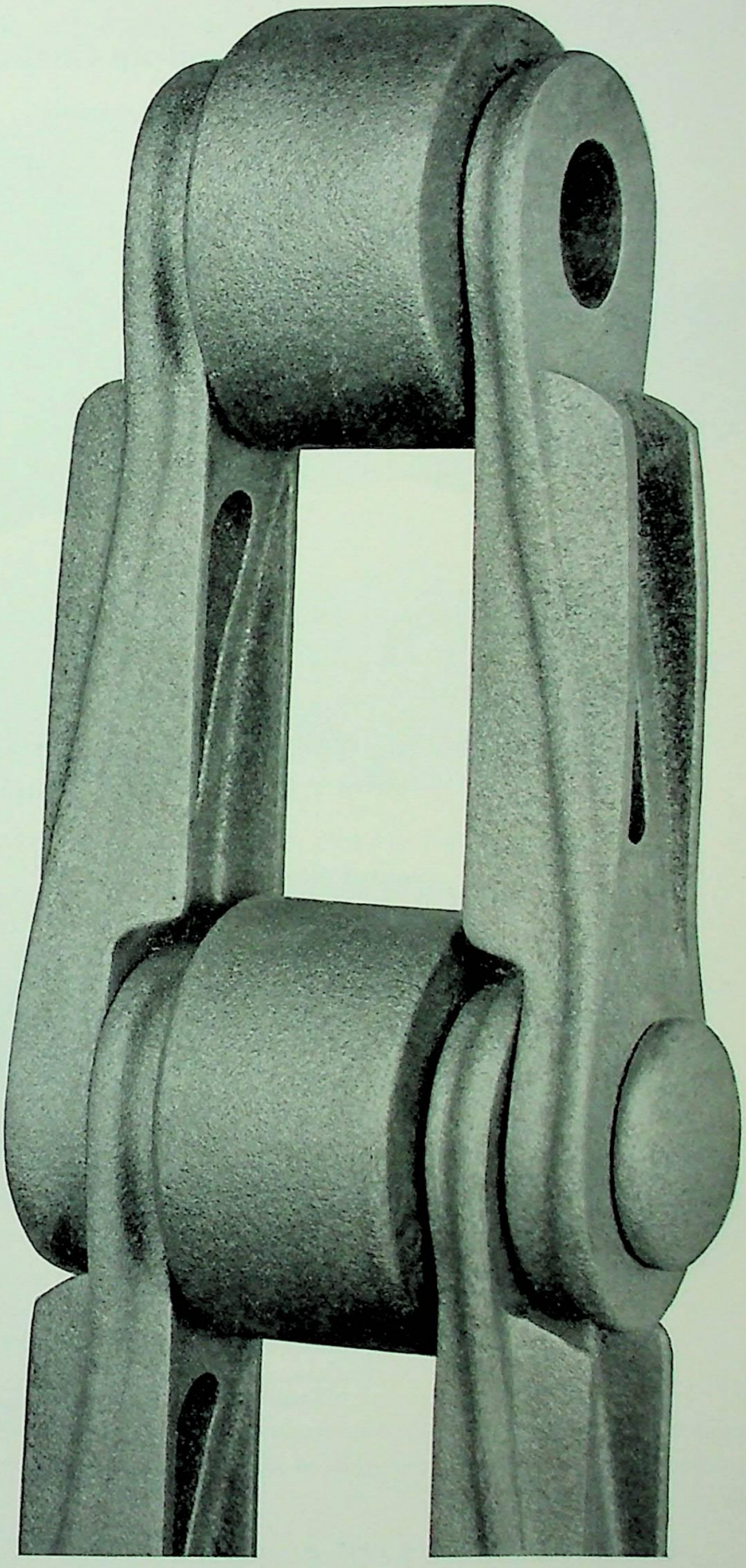
Shown approximately
actual size

No. 156-C—Pitch 6.00 In
Average Ultimat
Strength, 34,000 lbs
Use Sprockets No. 126-C

No. 156—Is the same a
No. 156-C, except it ha
2¼″ diam. Rollers. Us
Sprockets No. 126.

Jeffrey Malleable Roller Chains

Shown approximately actual size.

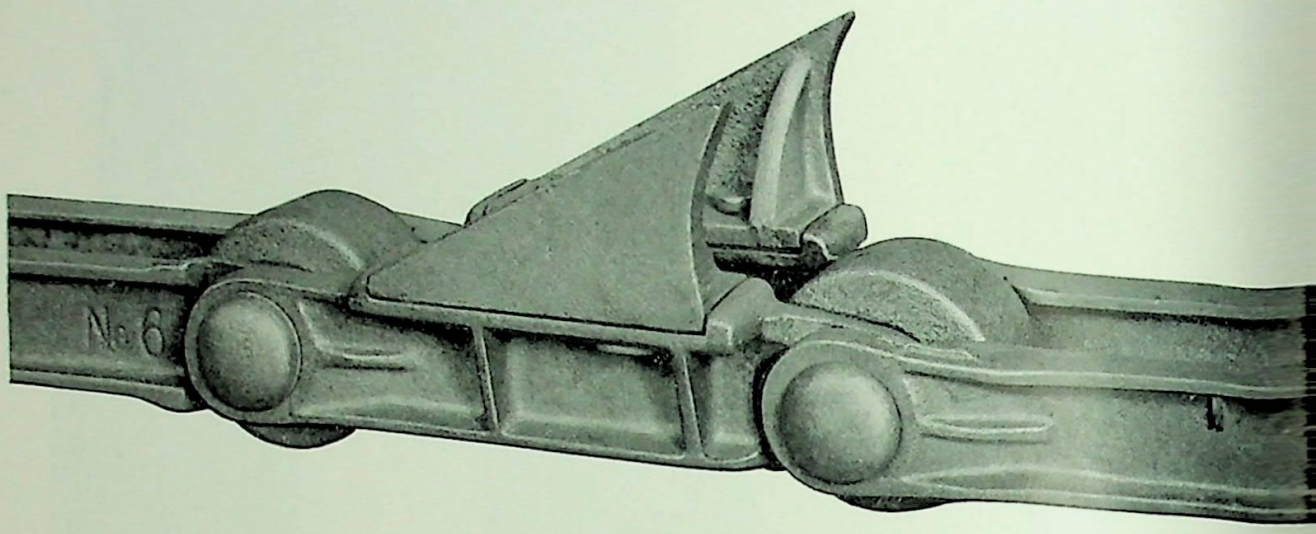


No. 5C—Pitch 5.08 inches. Average Ultimate Strength, 34,000 lbs. Use Sprockets No. 5C.

No. 5—is the same as No. 5C except it has $2\frac{1}{32}$ inch diameter roller. Use Sprockets No. 5.

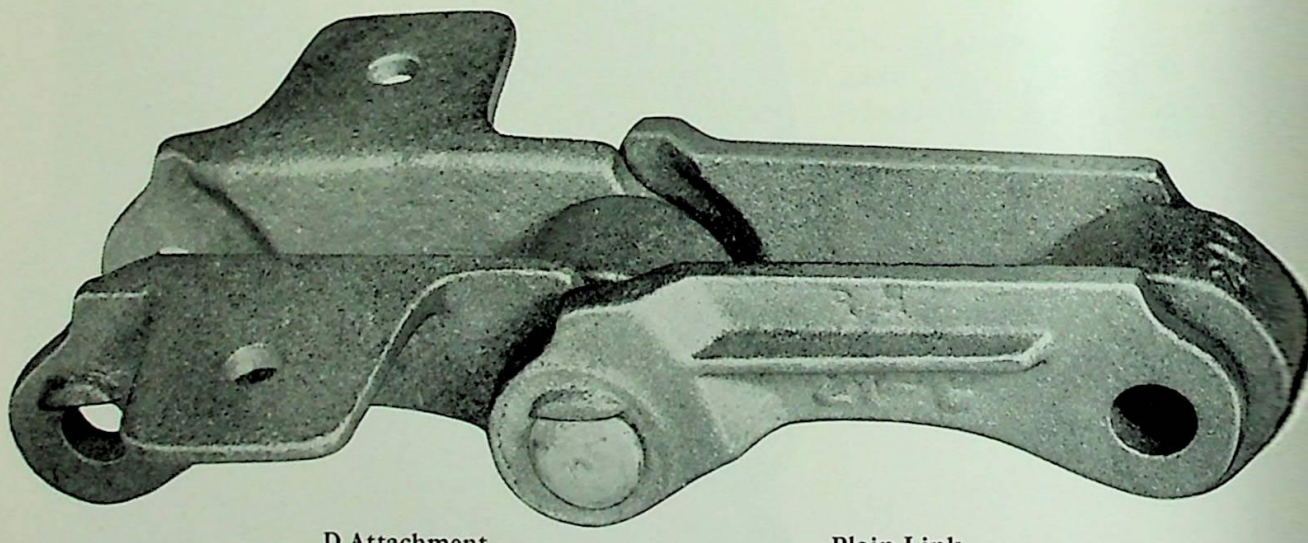
Jeffrey Malleable Roller Chains

Log Haul-up Chains



Malleable Roller Log Haul-Up Chains are made in sizes 5, 5C, 6 and 6C. For list of Dimensions, see page 74.

Roller Carrier Chains—Designed for Carrying Purposes, shown here with D Attachment



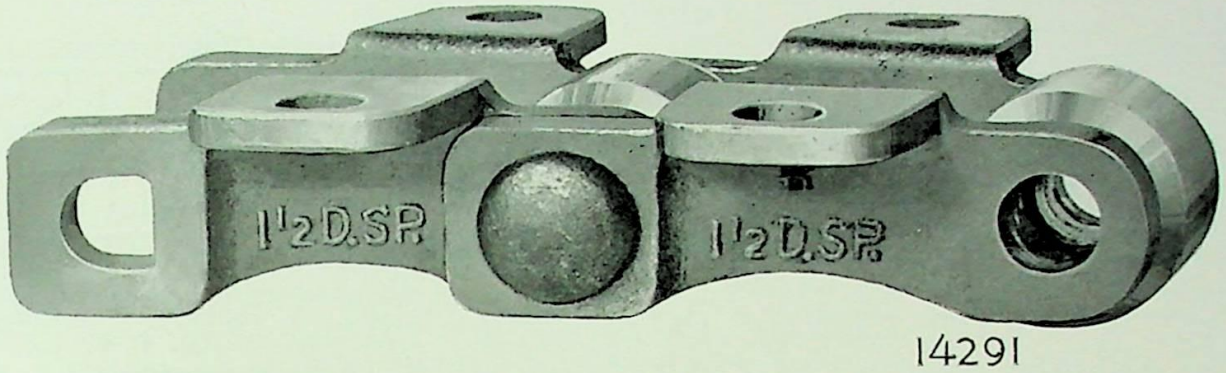
D Attachment Plain Link

In this chain, the side bars are raised above the top of rollers, so that merchandise placed directly upon the plain chain or upon slats attached to two strands of the same, will not interfere with the working of the roller. Furnished in the plain chain or with attachments on both sides as shown, or on one side only.

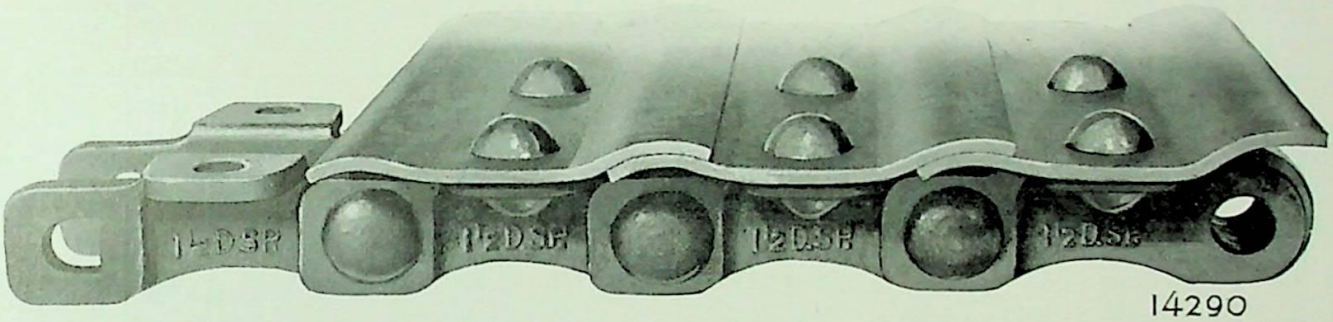
Sizes 21C, 22C and 23C are listed on page 74.

Jeffrey Malleable Roller Chains

No. 1½D Special Malleable Roller Chain



Side Bars of this Chain are made of a high grade of Malleable Iron which resists the action of the acid better than if made of Steel.

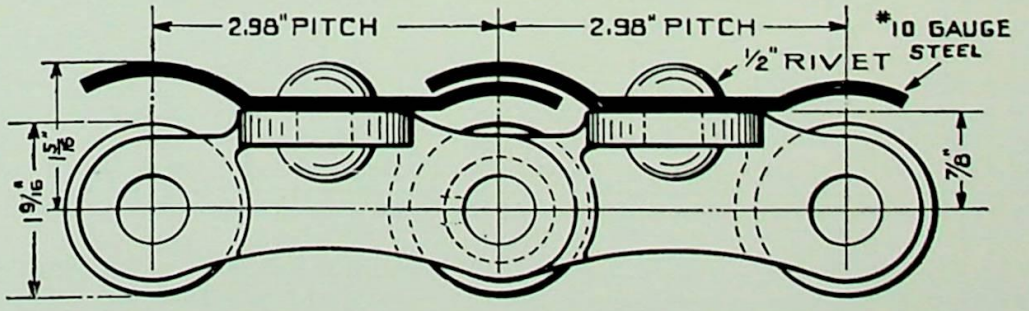


Number 1½ Chain with double beaded steel flights used on the Intermediate Carrier.

AS an intermediate carrier in Sugar Mills the Number 1½ Malleable Roller Chain with its heavy double beaded steel flights is daily giving satisfaction at many places where uninterrupted service must be maintained.

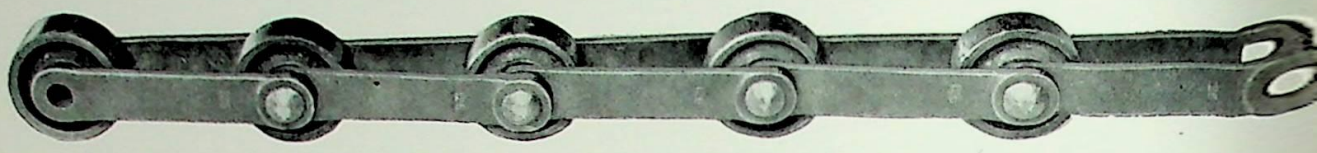
General dimensions of Jeffrey 1½ Malleable Roller Chain together with other information relating to speeds, working strengths, different types of attachments, etc., given on pages 74 and 75.

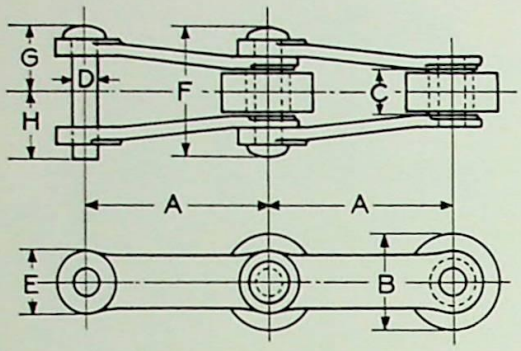
No. 1½ Roller Chain with D Special Attachment and Apron Flights



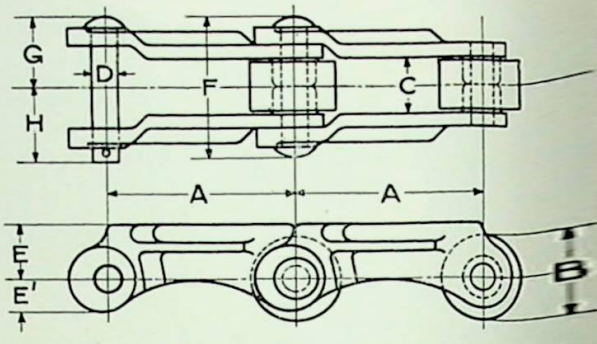
Cross-Section of carrier without retaining ends, made in 2 to 8 foot widths and upon 2 or 3 strands of chains.

Jeffrey Malleable Roller Chains





Malleable Roller Chain



Roller Carrier Chain

List Price and Dimensions of Plain Chains

Chain No.	List Price Per Foot	A Pitch Inches	Average Weight Per Foot Pounds	‡ Working Strength at 150 F. P. M. Pounds	§ Max. Speed in F. P. M.	Average Ultimate Strength Pounds	Works on Sprockets No.	B Diam. of Roller	C Width Inside	D Dia. of Pin	E	E1	F Overall Riveted Chain	Overall Coupled Chain G	Overall Coupled Chain H
0	$0.95	2.02	1.03	670	700	4000	0	1 5/16 M. I.	15/32	5/16	41/64	.....	1 11/16	27/32	
1	1.80	2.98	5.37	2575	600	15000	1	1 7/16 M. I.	1 3/32	5/8	1 9/32	.....	3 1/8	1 9/16	1
1½D Sp	3.00	2.98	7.75	2575	600	15000	1½	1 9/16 Steel	1 3/16	5/8	1 9/32	.....	.....	1¾	1
2	1.70	3.70	4.35	1850	600	15000	2	1 13/32 M. I.	1¼	5/8	1 7/32	.....	3 1/8	1 9/16	1
2 Spec.	1.70	3.70	5.23	1850	600	15000	2 Spec.	1¾ C. I.	1¼	5/8	1 7/32	.....	3 1/8	1 9/16	1
3	1.95	4.04	6.18	3000	500	19000	3	1¾ M. I.	1¼	11/16	1½	.....	3 5/16	1 21/32	1
3½	1.90	4.04	6.35	3000	500	19000	3½	2 C. I.	1¼	11/16	1½	.....	3 5/16	1 21/32	1
5	2.75	5.08	9.01	4425	500	34000	5	2 1/32 M. I.	1½	7/8	2	.....	4	2	2
5C	2.90	5.08	10.55	4425	500	34000	5C	2½ C. I.	1½	7/8	2	.....	4	2	2
6	2.80	8.00	10.10	5000	300	34000	6	2 19/32 C. I.	2	7/8	1 7/8	.....	5 1/16	2 17/32	2
6C	3.00	8.00	11.37	5000	300	34000	6C	3 C. I.	2	7/8	1 7/8	.....	5 1/16	2 17/32	2
9½	1.20	2.98	2.35	950	700	7000	9½	1½ C. I.	7/8	3/8	3/4	.....	1 7/8	15/16	1
9½ Sp.	1.30	2.98	2.97	950	700	8000	9½	1½ C. I.	7/8	3/8	1	.....	1 15/16	31/32	1
12	1.50	3.53	3.65	2050	600	13000	12	1 9/32 M. I.	1	1/2	1 3/16	.....	2¾	1⅜	1
14	1.35	4.01	3.59	1600	600	11000	14	1 7/16 C. I.	1 1/16	1/2	1 7/32	.....	2 9/16	1 9/32	1
14½	1.50	4.01	4.67	1600	600	11000	14½	2 C. I.	1 1/16	1/2	1 7/32	.....	2 9/16	1 9/32	1
17	1.25	2.58	2.63	1000	700	9000	17	1 5/32 M. I.	7/8	7/16	1	.....	2¼	1⅛	1
18	1.30	3.03	3.10	1475	700	10000	18	1 19/64 M. I.	25/32	1/2	1 3/32	.....	2 5/16	1 5/32	1
†21C	1.40	2.51	2.42	800	700	5000	21C	1 9/64 M.I.	25/32	11/32	3/4	13/32	2	1	1
†22C	1.95	3.10	4.68	1225	600	7000	22C	1⅜ M. I.	1 5/16	7/16	7/8	9/16	3	1½	1
†23C	2.20	4.05	6.28	1475	500	11000	23C	1 49/64 M. I.	1 5/16	5/8	1⅛	3/4	3⅜	1 11/16	1
40½	1.00	4.00	2.93	900	600	8000	40½	2 C. I.	13/16	3/8	31/32	.....	2	1	1
52	1.45	1.50	1.26	600	700	3500	52	11/16 M. I.	3/4	5/16	19/32	.....	1 7/8	15/16	
62	1.60	1.654	2.90	900	700	6000	62Det.	13/16 M. I.	15/16	3/8	27/32	.....	2 1/32	1 1/64	1
77	1.25	2.29	1.62	750	700	4500	77	7/8 M. I.	7/8	3/8	3/4	.....	1 7/8	15/16	1
124	2.25	4.05	7.23	3300	500	22000	124	1¾ M. I.	1½	3/4	1 9/16	.....	3 5/8	1 13/16	2
126	1.70	6.00	5.00	3100	400	19000	126	2¼ C. I.	1 5/16	11/16	1½	.....	3¼	1 5/8	1
126C	1.90	6.00	7.35	3100	400	19000	126C	3 C. I.	1 5/16	11/16	1½	.....	3¼	1 5/8	1
156	2.50	6.00	8.52	5000	300	34000	126	2¼ M. I.	1⅜	7/8	1 15/16	.....	3 13/16	1 29/32	2
156C	2.75	6.00	10.35	5000	300	34000	126C	3 C. I.	1⅜	7/8	1 15/16	.....	3 13/16	1 29/32	2
1100	1.80	1.65	3.00	900	300	6000	1100	7/8 Steel	15/16	3/8	27/32	.....	2 1/32	1 1/64	1
1130	1.95	6.00	7.13	3750	400	25000	1130	2½ C. I.	1 5/16	3/4	1 3/4	.....	3 9/16	1¾	1

Bold Face Type Indicates Carried in Stock Sizes to cover all reasonable demands; all others subject to occasional delays.

C. I. Indicates Cast Iron Rollers. M. I. Indicates Malleable Iron Rollers. † Roller Carrier Type.

‡Working Strengths in Table are increased or decreased for speeds other than 150 ft. per min, see page 121.

§Economical Speeds are half of "Max. Speeds."

For List of Sprockets, see pages 138 to 141 for Cast Iron and page 156 for Cast Steel.

Jeffrey Malleable Roller Chains

List Price and Weight of Attachments

Chain No.	List Price per Foot	Average Weight per Ft. Lbs.
No. 0		
D One Side	$ 1.20	1.48
D Both Sides	1.35	1.65
Rivets per 100	3.00	3.80
Coupling Pins and Cotters per 100	5.00	4.50
No. 1		
D Spec. Both Sides	2.70	7.44
Rivets per 100	10.00	29.00
Coupling Pins and Cotters per 100	12.00	30.00
No. 1½ (With Steel Roller)		
D Spec. Both Sides	3.00	8.50
Rivets per 100	10.00	33.20
Coupling Pins and Cotters per 100	12.00	34.20
No. 2		
A-42 One Side	2.00	4.94
A-42 with 22C Flight Wing	.....	7.10
A-42 with 11T1-2 Pipe Att.	.....	7.85
A-42 with 13T1-2 Pipe Att.	.....	8.55
D-1 Spec. One Side	2.10	5.17
D-1 Spec. Both Sides	2.40	5.60
D-2 One Side	2.00	5.46
G-9 One Side	2.65	5.73
G-19 One Side	2.50	6.36
Rivets per 100	10.00	29.00
Coupling Pins and Cotters per 100	12.00	30.00
No. 2 Spec.		
A-42 One Side	2.00	5.80
A-42 with 22C Flight Wing	.....	8.00
A-42 with 11T1-2 Pipe Att.	.....	8.75
A-42 with 13T1-2 Pipe Att.	.....	9.44
D-1 Spec. One Side	2.10	6.03
D-1 Spec. Both Sides	2.40	7.81
D-2 One Side	2.00	6.32
G-9 One Side	2.65	6.59
G-19 One Side	2.50	7.22
Rivets per 100	10.00	29.00
Coupling Pins and Cotters per 100	12.00	30.00
No. 3		
A-42 One Side	2.35	7.25
A-42 with 23C Flight Wing	.....	11.30
A-42 with 14T1-2 Pipe Att.	.....	10.60
A-53 One Side	2.50	9.33
A-53 with 23C Flight Wing	.....	13.25
D-1 One Side	2.35	7.02
D-1 Both Sides	2.65	7.92
D-2 Spec. One Side	2.45	7.76
G-9 One Side	3.05	7.85
G-19 One Side	2.75	7.98
Rivets per 100	12.00	37.20
Coupling Pins and Cotters per 100	15.00	38.70
No. 3½		
A-42 One Side	2.30	7.40
A-42 with 23C Flight Wing	.....	11.35
A-42 with 14T1-2 Pipe Att.	.....	10.75
A-53 One Side	2.45	9.48
A-53 with 23C Flight Wing	.....	13.40
D-1 One Side	2.30	7.17
D-1 Both Sides	2.60	8.07
D-2 Spec. One Side	2.40	7.91
G-9 One Side	3.00	8.00
G-19 One Side	2.70	8.13
Rivets per 100	12.00	37.20
Coupling Pins and Cotters per 100	15.00	38.70
No. 5		
S-1 Both Sides	$ 4.35	12.10
Rivets per 100	20.00	76.40
Coupling Pins and Cotters per 100	25.00	78.50
No. 5C		
S-1 Both Sides	4.50	13.96
Rivets per 100	20.00	76.40
Coupling Pins and Cotters per 100	25.00	78.50
No. 6		
Split Spur Both Sides	6.30	10.72
Rivets per 100	30.00	92.60
Coupling Pins and Cotters per 100	35.00	94.70
No. 6C		
Split Spur Both Sides	6.50	12.60
Rivets per 100	30.00	92.60
Coupling Pins and Cotters per 100	35.00	94.70
No. 9½		
A-42 One Side	1.60	2.85
A-42 with 6C Flight Wing	.....	4.55
A-42 with 9T1-2 Pipe Att.	.....	4.10
D-1 One Side	1.50	2.56
D-1 Both Sides	1.70	2.88
D-2 One Side	1.60	2.80
Rivets per 100	3.00	7.60
Coupling Pins and Cotters per 100	5.00	8.30
No. 9½ Spec.		
A-42 One Side	1.70	3.41
A-42 with 6C Flight Wing	.....	5.10
A-42 with 9T1-2 Pipe Att.	.....	4.65
D-1 One Side	1.60	3.32
D-1 Both Sides	1.80	3.41
D-2 One Side	1.70	3.61
V-Both Sides	1.50	3.01
Rivets per 100	3.00	7.60
Coupling Pins and Cotters per 100	5.00	8.30
No. 12		
D-2 One Side	1.85	4.28
Rivets per 100	5.00	14.60
Coupling Pins and Cotters per 100	7.00	15.60
No. 14		
A-42 One Side	1.65	3.86
A-42 with 6C Flight Wing	.....	5.15
A-42 with 11T1-2 Pipe Att.	.....	6.50
A-42 with 13T1-2 Pipe Att.	.....	7.15
A-42 with 1M Flight Wing	.....	6.25
D-1 One Side	1.65	3.98
D-1 Both Sides	1.80	4.29
D-2 One Side	1.65	3.98
L-1 One Side	2.00	4.05
Q-1 One Side	2.15	4.70
Q-1 Both Sides	2.50	5.73
Q-2 One Side	2.10	4.52
Q-2 Both Sides	2.60	5.37
Rivets per 100	5.00	16.40
Coupling Pins and Cotters per 100	7.00	17.40
No. 14½		
A-42 One Side	1.75	5.36
A-42 with 6C Flight Wing	.....	6.65
A-42 with 11T1-2 Pipe Att.	.....	8.00
A-42 with 13T1-2 Pipe Att.	.....	8.65
A-42 with 1M Flight Wing	.....	7.75
D-1 One Side	1.75	5.48

Bold Face Type indicates Carried in Stock sizes.
For List Price of Wing Attachments, see page 120.

Jeffrey Malleable Roller Chains

List Price and Weight of Attachments

Chain No.	List Price per Foot	Average Weight per Ft. Lbs.
No. 14½ (Continued)		
D-1 Both Sides	$1.90	5.79
D-2 One Side	1.75	5.48
L-1 One Side	2.10	5.20
Q-1 One Side	2.25	6.20
Q-1 Both Sides	2.60	7.23
Q-2 One Side	2.20	6.02
Q-2 Both Sides	2.70	6.87
Rivets per 100	5.00	16.40
Coupling Pins and Cotters per 100	7.00	17.40
No. 17		
A-42 One Side	1.50	2.90
A-42 with 6C Flight Wing	.....	4.90
A-42 with 9T1-2 Pipe Att.	.....	5.00
D One Side	1.50	2.81
D Both Sides	1.60	3.02
D Spec. One Side	1.65	3.34
Rivets per 100	5.00	10.20
Coupling Pins and Cotters per 100	7.00	10.80
No. 18		
A-42 One Side	1.60	3.27
A-42 with 6C Flight Wing	.....	4.95
A-42 with 9T1-2 Pipe Att.	.....	4.45
D One Side	1.60	3.27
D Both Sides	1.80	3.91
D Spec. One Side	1.70	4.33
Rivets per 100	5.00	14.60
Coupling Pins and Cotters per 100	7.00	15.60
No. 21C		
D One Side	1.65	2.83
D Both Sides	1.90	2.97
Rivets per 100	3.00	5.60
Coupling Pins and Cotters per 100	5.00	6.20
No. 22C		
D One Side	2.30	5.09
D Both Sides	2.50	5.47
Rivets per 100	5.00	14.20
Coupling Pins and Cotters per 100	7.00	15.20
No. 23C		
G One Side	2.50	6.31
G Both Sides	2.80	6.90
Rivets per 100	10.00	33.00
Coupling Pins and Cotters per 100	12.00	34.00
No. 40½		
D-2 One Side	1.20	3.45
Rivets per 100	3.00	6.80
Coupling Pins and Cotters per 100	5.00	7.40
No. 52		
D One Side	1.65	1.45
D Both Sides	1.90	1.63
Rivets per 100	3.00	4.00
Coupling Pins and Cotters per 100	5.00	4.60
No. 62		
G One Side	2.10	2.60
G Both Sides	2.30	2.98
Q-1 One Side	2.10	2.74
Rivets per 100	3.00	7.60
Coupling Pins and Cotters per 100	5.00	8.30
No. 77		
A-42 One Side	1.50	2.22
A-42 with 6C Flight Wing	.....	4.42
D One Side	1.50	1.84

Chain No.	List Price per Foot	Average Weight per Ft. Lbs.
No. 77 (Continued)		
D Both Sides	$1.75	2.10
Rivets per 100	3.00	6.80
Coupling Pins and Cotters per 100	5.00	7.40
No. 126		
A-42 One Side	2.00	7.02
A-42 with 23C Flight Wing	.....	9.70
A-42 with 2M Flight Wing	.....	8.65
A-42 with 14T1-2 Pipe Att.	.....	9.35
A-53 One Side	2.30	7.76
A-53 with 23C Flight Wing	.....	10.40
A-53 with 2M Flight Wing	.....	10.05
D-1 One Side	2.00	7.00
D-1 Both Sides	2.30	7.84
D-2 One Side	2.00	7.10
G-9 One Side	2.20	7.86
V Both Sides	2.00	6.76
VE-1 One Side	2.60	9.30
Rivets per 100	12.00	38.40
Coupling Pins and Cotters per 100	15.00	39.50
No. 126C		
A-42 One Side	2.20	8.52
A-42 with 23C Flight Wing	.....	11.20
A-42 with 2M Flight Wing	.....	10.15
A-42 with 14T1-2 Pipe Att.	.....	10.85
A-53 One Side	2.50	9.26
A-53 with 23C Flight Wing	.....	11.90
A-53 with 2M Flight Wing	.....	11.55
D-1 One Side	2.20	8.50
D-1 Both Sides	2.50	9.34
D-2 One Side	2.20	8.60
G-9 One Side	2.40	9.46
V Both Sides	2.20	8.26
VE-1 One Side	2.80	10.80
Rivets per 100	12.00	38.40
Coupling Pins and Cotters per 100	15.00	39.50
No. 156		
A-42 One Side	3.05	9.54
A-42 with 23C Flight Wing	.....	12.22
A-42 with 2M Flight Wing	.....	11.17
A-42 with 14T1-2 Pipe Att.	.....	11.89
D-1 One Side	3.15	11.02
D-1 Both Sides	3.75	13.30
D-2 One Side	3.15	10.12
G-9 One Side	3.75	12.34
Rivets per 100	20.00	69.40
Coupling Pins and Cotters per 100	25.00	71.50
No. 156C		
A-42 One Side	3.30	11.22
A-42 with 23C Flight Wing	.....	13.86
A-42 with 2M Flight Wing	.....	12.82
A-42 with 14T1-2 Pipe Att.	.....	13.54
D-1 One Side	3.40	12.70
D-1 Both Sides	4.00	14.98
D-2 One Side	3.40	11.80
G-9 One Side	4.00	14.02
Rivets per 100	20.00	69.40
Coupling Pins and Cotters per 100	25.00	71.50
No. 1130		
A-11 One Side	2.50	9.00
A-42 One Side	2.50	9.00
A-42 with 2C Flight Wing	.....	13.20
K-2 Both Sides	2.90	10.60
Rivets per 100	14.00	12.70
Coupling Pins and Cotters per 100	18.00	51.00

Bold Face Type indicates Carried in Stock sizes.
For List Price of Wing Attachments, see page 120.

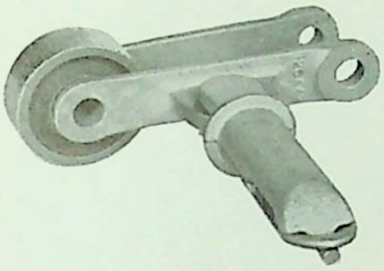
Jeffrey Malleable Roller Chains

Attachments

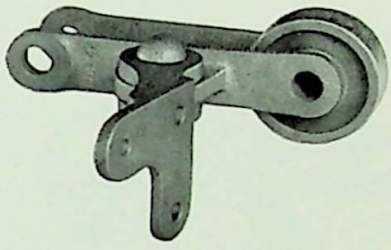
A-11

A-42

A-42 with C Wing



A-42 with T1-2

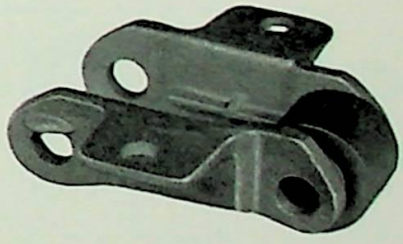


A-42 with M Wing

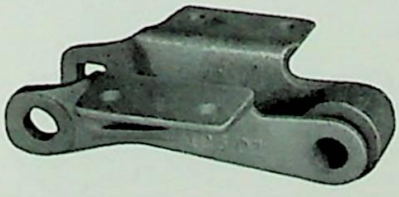
A-53

A-53 with C Wing

A-53 with M Wing



D



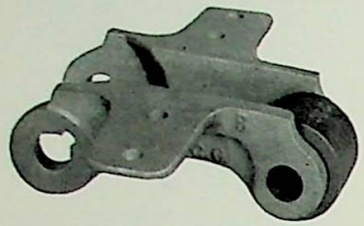
D-1

D-2

D-2 Spec.

Jeffrey Malleable Roller Chains

Attachments



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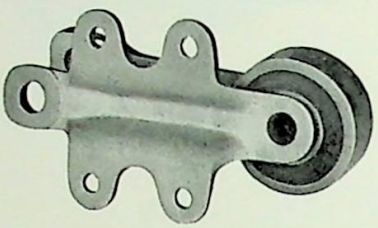
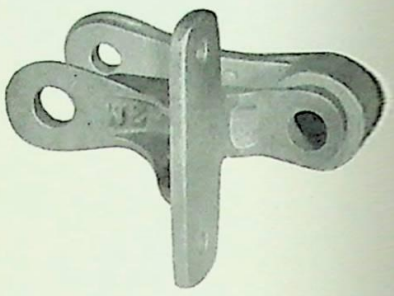
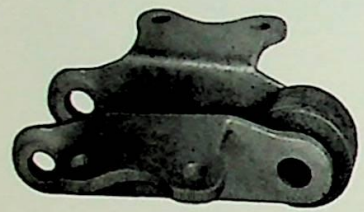


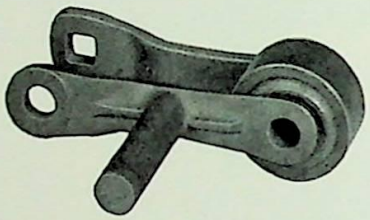
G-9



G-19



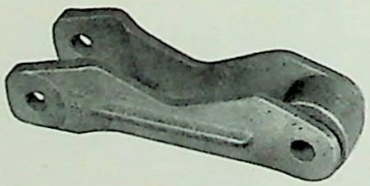
K-2



L-1

Q-1

Q-2



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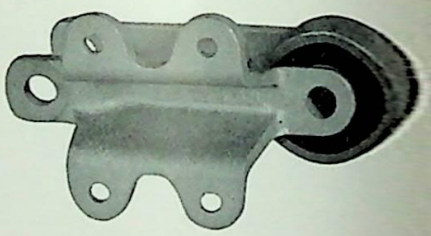
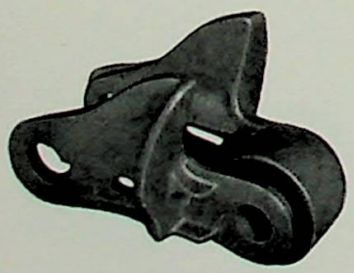
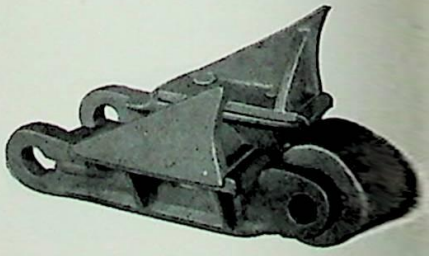


VE-1



S-1



Spur

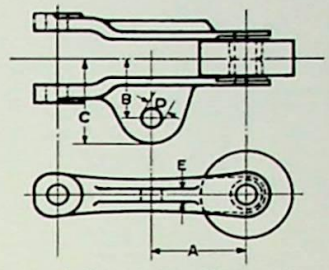
Jeffrey Malleable Roller Chains

Dimensions of Attachments

A-42 Attachment

Chain No.	A	B	C	D Dia. of Bolts	E	Chain No.	A	B	C	D Dia. of Bolts	E
2	1 27/32	1 1/2	2 1/8	1/2	3/8	17	1 9/32	1 9/16	2 1/16	3/8	5/16
2 Spec	1 27/32	1 1/2	2 1/8	1/2	3/8	18	1 9/16	1 1/2	2 1/16	3/8	5/16
3	2 5/16	2	2 7/8	5/8	7/16	77	1 3/16	1 5/16	1 25/32	3/8	1/4
3 1/2	2 5/16	2	2 7/8	5/8	7/16	126	3	2	2 3/4	5/8	7/16
9 1/2	1 1/2	1 7/16	1 15/16	3/8†	5/16	126C	3	2	2 3/4	5/8	7/16
9 1/2 Spec	1 1/2	1 7/16	1 15/16	3/8†	5/16	156	3	*2 1/8	3	*5/8	7/16
14	2	1 9/16	2 1/8	3/8†	5/16	156C	3	*2 1/8	3 5/8	*7/16	7/16
14 1/2	2	1 9/16	2 1/8	3/8†	5/16	1130	3	2 7/16	3 3/16	5/8	19/32

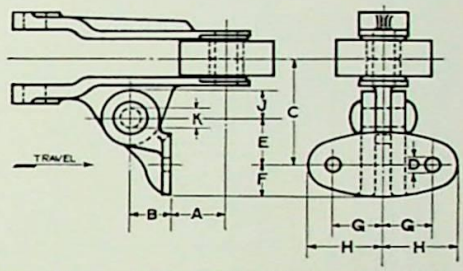
†Reamed for 1/2 inch rivet when used with M Flight Wing and T 1-2
*B is 2 5/16 and D, 1/2 for 13 T 1-2 Pipe Att.



Has Round-Straight Holes for Bolts.

A-42 Attachment with C Flight Wing

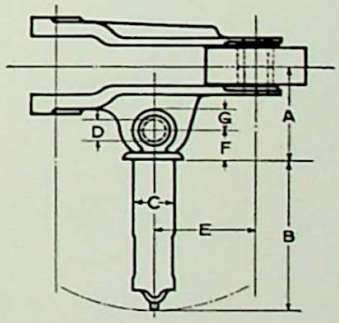
Chain No.	Name of Attachments	A	B	C	D Diam. of Bolts	E	F	G	H	J	K Dia. of Rivet
2	A-42 & 22C	27/32	1	3	3/8	1 1/2	3/4	1 17/32	2 7/32	5/8	1/2
2 Spec	A-42 & 22C	27/32	1	3	3/8	1 1/2	3/4	1 17/32	2 7/32	5/8	1/2
3	A-42 & 23C	1 1/16	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 5/16	7/8	5/8
3 1/2	A-42 & 23C	1 1/16	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 5/16	7/8	5/8
9 1/2	A-42 & 6C	11/16	13/16	2 13/16	3/8	1 3/8	3/4	1 1/4	1 7/8	9/16	3/8
9 1/2 Spec	A-42 & 6C	11/16	13/16	2 13/16	3/8	1 3/8	3/4	1 1/4	1 7/8	9/16	3/8
14	A-42 & 6C	1 3/16	13/16	3 1/16	3/8	1 3/8	3/4	1 1/4	1 7/8	9/16	3/8
14 1/2	A-42 & 6C	1 3/16	13/16	3 1/16	3/8	1 3/8	3/4	1 1/4	1 7/8	9/16	3/8
17	A-42 & 6C	15/32	13/16	3 1/16	3/8	1 1/2	3/4	1 1/4	1 7/8	9/16	3/8
18	A-42 & 6C	3/4	13/16	2 7/8	3/8	1 3/8	9/16	1 1/4	1 7/8	9/16	3/8
77	A-42 & 6C	3/8	13/16	2 11/16	3/8	1 3/8	3/4	1 1/4	1 7/8	9/16	3/8
126	A-42 & 23C	1 3/4	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 5/16	7/8	5/8
126C	A-42 & 23C	1 3/4	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 5/16	7/8	5/8
156	A-42 & 23C	1 3/4	1 1/4	3 5/8	3/8	1 1/2	1	1 3/4	2 5/16	7/8	5/8
156C	A-42 & 23C	1 3/4	1 1/4	3 5/8	3/8	1 1/2	1	1 3/4	2 5/16	7/8	5/8
1130	A-42 & 2C	3/8	2 5/8	3 1/2	1/2	1 1/16	1	1 3/4	2 1/2	1	5/8



Has Round-Straight Holes for Bolts.

A-42 Attachment with T 1-2

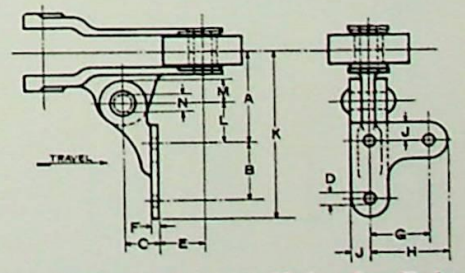
Chain No.	A	B	C	D Diam. of Lug	E	Number of Pipe Att.	F	G
2	2 3/8	4 11/16	1 1/4	15/32	1 27/32	11T 1-2	7/8	21/32
2	2 11/16	4 13/16	1 1/2	1/2	1 27/32	13T 1-2	1 3/16	11/16
2 Sp.	2 3/8	4 11/16	1 1/4	15/32	1 27/32	11T 1-2	7/8	21/32
2 Sp.	2 11/16	4 13/16	1 1/2	1/2	1 27/32	13T 1-2	1 3/16	11/16
3	3 3/16	4 13/16	1 1/2	9/16	2 5/16	14T 1-2	1 3/16	21/32
3 1/2	3 3/16	4 13/16	1 1/2	9/16	2 5/16	14T 1-2	1 3/16	21/32
9 1/2	2 1/4	3 15/16	31/32	7/16	1 1/2	9T 1-2	13/16	9/16
9 1/2 Sp.	2 1/4	3 15/16	31/32	7/16	1 1/2	9T 1-2	13/16	9/16
14	2 7/16	4 11/16	1 1/4	15/32	2	11T 1-2	7/8	21/32
14	2 3/4	4 13/16	1 1/2	1/2	2	13T 1-2	1 3/16	11/16
14 1/2	2 7/16	4 11/16	1 1/4	15/32	2	11T 1-2	7/8	21/32
14 1/2	2 3/4	4 13/16	1 1/2	1/2	2	13T 1-2	1 3/16	11/16
17	2 3/8	3 15/16	31/32	7/16	1 9/32	9T 1-2	13/16	9/16
18	2 5/16	3 15/16	31/32	7/16	1 9/16	9T 1-2	13/16	9/16
126	3 3/16	4 13/16	1 1/2	9/16	3	14T 1-2	1 3/16	21/32
126C	3 3/16	4 13/16	1 1/2	9/16	3	14T 1-2	1 3/16	21/32
156	3 5/16	4 13/16	1 1/2	9/16	3	14T 1-2	1 3/16	21/32
156C	3 5/16	4 13/16	1 1/2	9/16	3	14T 1-2	1 3/16	21/32



A-42 Attachment with M Flight Wing

Chain No.	Name of Attachments	A	B	C	D Dia. of Bolts	E	F	G	H	J	K	L	M	N Dia. of Rivet
14	A-42 & 1M	3 1/16	1 3/4	1	3/8	1	1/4	1 3/4	2 7/16	11/16	5 1/2	1 1/2	11/16	1/2
14 1/2	A-42 & 1M	3 1/16	1 3/4	1	3/8	1	1/4	1 3/4	2 7/16	11/16	5 1/2	1 1/2	11/16	1/2
126	A-42 & 2M	3 1/2	2 1/4	1 1/4	3/8	1 3/4	1/4	2 1/4	2 15/16	11/16	6 1/16	1 1/2	7/8	5/8
126C	A-42 & 2M	3 1/2	2 1/4	1 1/4	3/8	1 3/4	1/4	2 1/4	2 15/16	11/16	6 7/16	1 1/2	7/8	5/8
156	A-42 & 2M	3 5/8	2 1/4	1 1/4	3/8	1 3/4	1/4	2 1/4	2 15/16	11/16	6 9/16	1 1/2	7/8	5/8
156C	A-42 & 2M	3 5/8	2 1/4	1 1/4	3/8	1 3/4	1/4	2 1/4	2 15/16	11/16	6 9/16	1 1/2	7/8	5/8

Bold Face Type Indicates Carried in Stock Sizes.

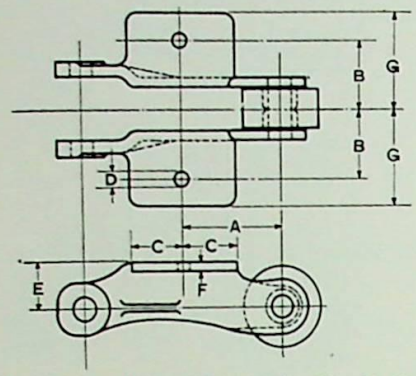


Has Round-Straight Holes for Bolts.

Jeffrey Malleable Roller Chains

Dimensions of Attachments

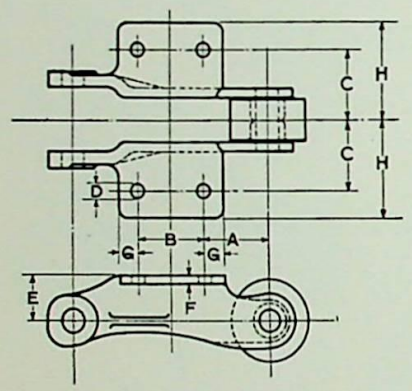
D Attachment



Has Round-Straight Holes for Bolts.

Chain No.	Name of Attachments	A	B	C	D Dia. of Bolts	E	F	G
0	D	1 1/16	1	7/16	1/4	7/16	3/32	1 3/8
1	D Spec.	1 1/2	1 7/8	3/4	1/2	7/8	5/16	2 3/8
1 1/2	D Spec.	1 1/2	1 7/8	3/4	1/2	7/8	1/4	2 3/8
17	D	1 1/4	1 1/4	5/8	5/16	5/8	5/32	1 11/16
17	D Spec.	1 1/4	1 9/16	1 3/16	5/16	13/16	5/32	2
18	D	1 7/16	1 3/8	5/8	5/16	11/16	1/8	1 3/4
18	D Spec.	1 5/8	1 11/16	1	3/8	3/4	3/16	2 11/16
21C	D	1 1/16	1 1/4	9/16	1/4	3/4	3/32	1 7/8
22C	D	1 5/8	1 13/16	11/16	5/16	15/16	1/8	2 7/16
52	D	3/4	1	3/8	1/4	7/16	1/16	1 5/16
77	D	1 9/64	1 1/8	15/32	1/4	17/32	1/16	1 1/2

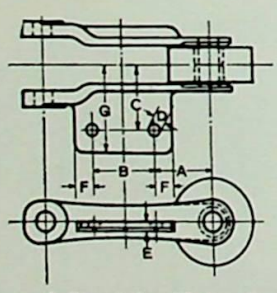
D-1 Attachment



Has Round-Straight Holes for Bolts.

Chain No.	Name of Attachment	A	B	C	D Diam. of Bolts	E	F	G	H
2	D-1 Spec.	1 1/2	1 1/16	1 13/16	5/16	1 3/64	3/16	15/32	2 5/16
2 Sp.	D-1 Spec.	1 1/2	1 1/16	1 13/16	5/16	1 3/64	3/16	15/32	2 5/16
3	D-1	1 5/16	1 1/2	2 1/8	3/8	1 3/32	7/32	7/16	2 5/8
3 1/2	D-1	1 5/16	1 1/2	2 1/8	3/8	1 3/32	7/32	7/16	2 5/8
9 1/2	D-1	1 1/16	7/8	1 1/4	1/4	7/8	1/8	3/8	1 3/4
9 1/2 Sp.	D-1	1 1/16	7/8	1 1/4	1/4	7/8	1/8	3/8	1 3/4
14	D-1	1 3/8	1 1/4	1 5/8	5/16	1 1/8	5/32	13/32	2 1/16
14 1/2	D-1	1 3/8	1 1/4	1 5/8	5/16	1 1/8	5/32	13/32	2 1/16
126	D-1	2	2	1 31/32	3/8	1 5/16	3/16	9/16	2 3/8
126C	D-1	2	2	1 31/32	3/8	1 5/16	3/16	9/16	2 3/8
156	D-1	2 5/64	1 27/32	2 13/16	3/8	1 11/16	5/16	25/32	3 1/8
156C	D-1	2 5/64	1 27/32	2 13/16	3/8	1 11/16	5/16	25/32	3 1/8

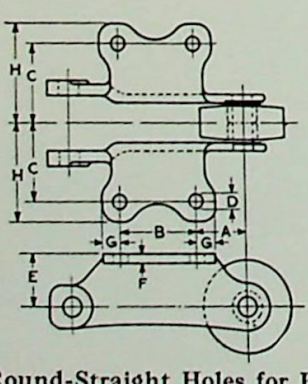
D-2 Attachment



Has Round-Straight Holes for Bolts.

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
2	1 11/32	1 3/8	2	3/8	3/16	3/8	2 9/16
2 Sp.	1 11/32	1 3/8	2	3/8	3/16	3/8	2 1/2
9 1/2	15/16	1 1/16	1 35/64	1/4	5/32	13/32	2 1/32
9 1/2 Sp.	1 1/16	1 1/16	1 35/64	1/4	5/32	5/16	2
12	1 5/16	1 1/8	2 1/8	3/8	5/32	7/16	2 9/16
14	1 5/16	1 1/2	1 27/32	5/16	1/8	13/32	2 3/8
14 1/2	1 5/16	1 1/2	1 27/32	5/16	1/8	13/32	2 3/8
40 1/2	1 13/64	1 1/2	1 27/32	5/16	1/8	17/32	2 15/32
126	2	2 1/4	2 3/16	3/8	3/16	5/8	2 15/16
126C	2	2 1/4	2 3/16	3/8	3/16	5/8	2 15/16
156	2	2 1/4	2 15/32	3/8	9/32	1/2	3 21/32
156C	2	2 1/4	2 15/32	3/8	9/32	1/2	3 21/32

K-2 Attachment



Has Round-Straight Holes for Bolts.

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
1130	1 11/16	2 5/8	3	1/2	1 7/16	9/32	5/8	3 5/8

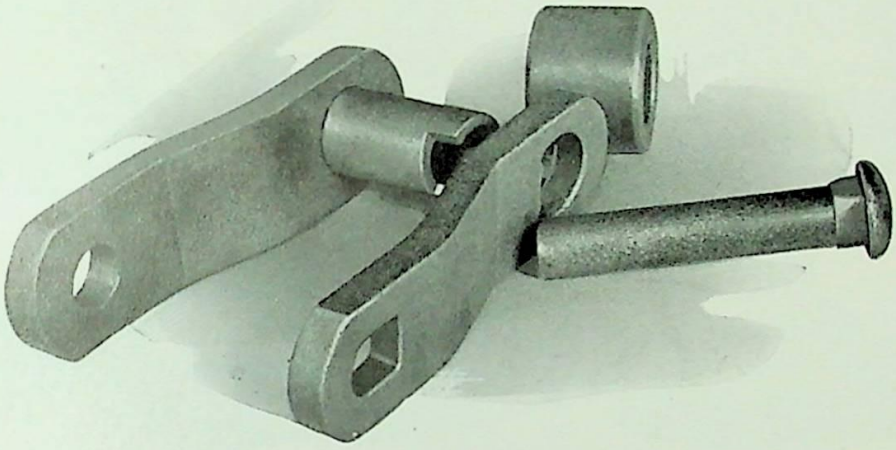
Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Steel Thimble Roller Chains

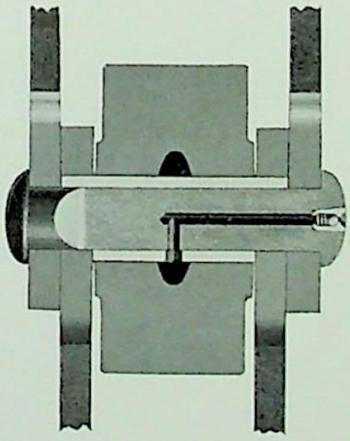
STEEL Thimble Roller Chain is the finest type of chain in the whole elevating and conveying field. The smaller and lighter sizes make most excellent drive chains while the larger sizes are adapted to nearly all types of elevators and conveyors.

Steel Thimble Roller Chains have high carbon steel side bars, hardened steel thimbles and heat treated steel pins. The thimbles are held rigidly in place in the inside bars as are the pins in the outside bars, thereby confining all wear from articulation to the long bearing surface within the thimble.

Best service is obtained when not used in direct contact with sticky or gritty materials. No chain will give better results under severe shocks and occasional overloads than the Steel Thimble Roller Chains.

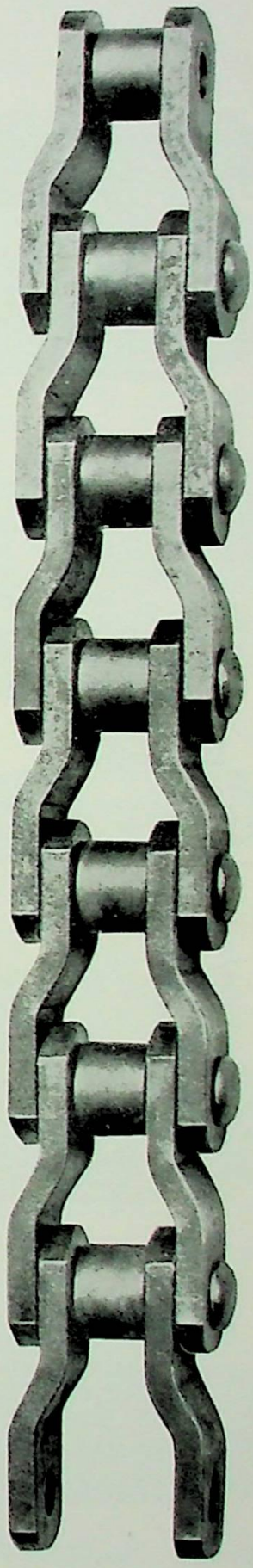


The thimbles are held rigidly in the side bars by being notched on each end to fit the key effect in side bars. This insures perfect alignment.



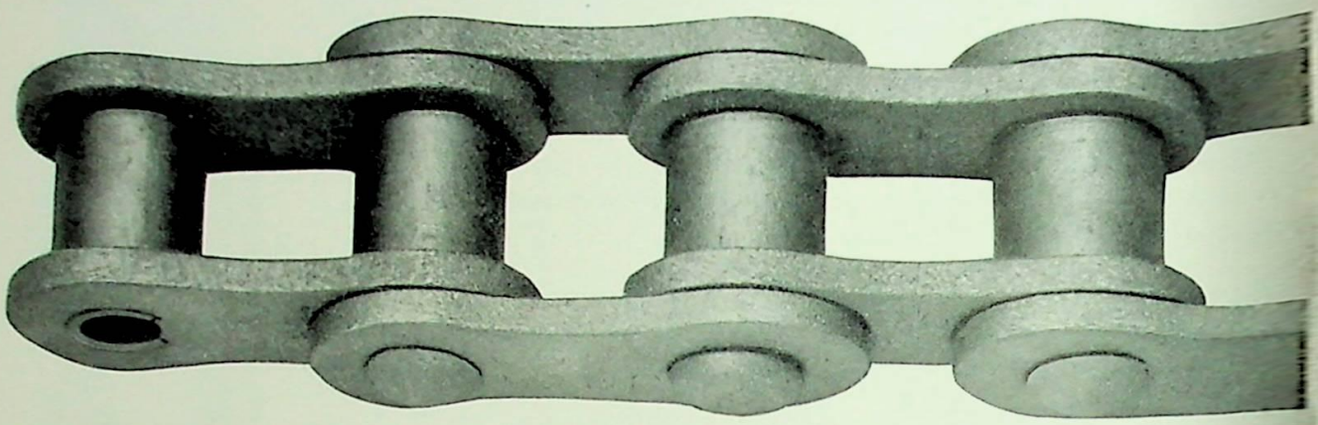
Those steel thimble roller chains having pins 5/8" or larger may be lubricated by means of the high pressure lubricating system as shown by the cross-section illustration above. This permits the lubrication of slow speed chains while in motion.

Prices on Application.

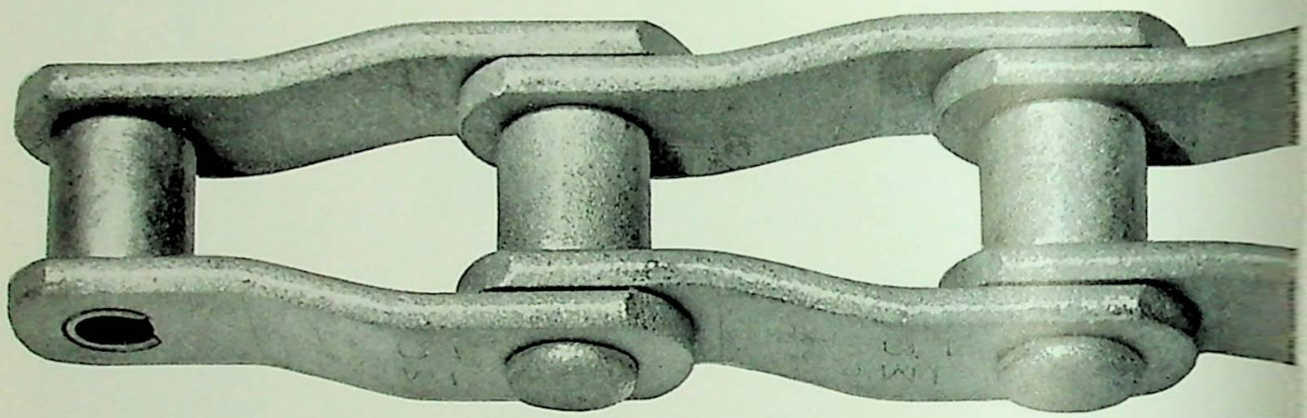


Jeffrey Steel Thimble Roller Chains

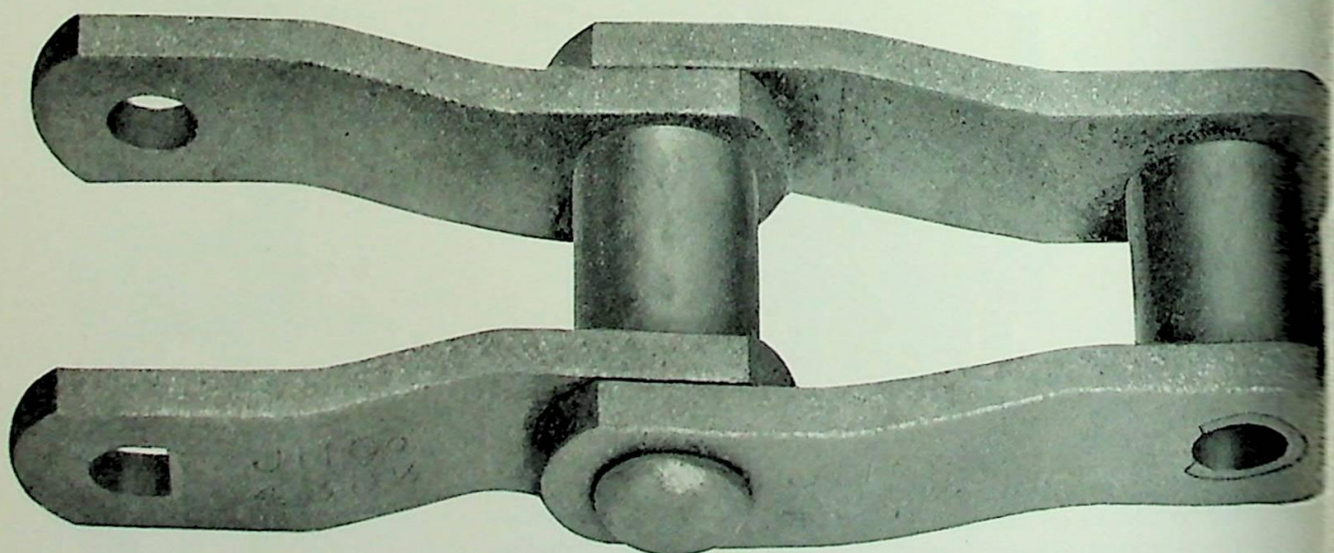
Shown approximately actual size.



No. 950—Pitch 1.50 Inches. Average Ultimate Strength, 14,000 lbs.
Use Sprockets No. 950.



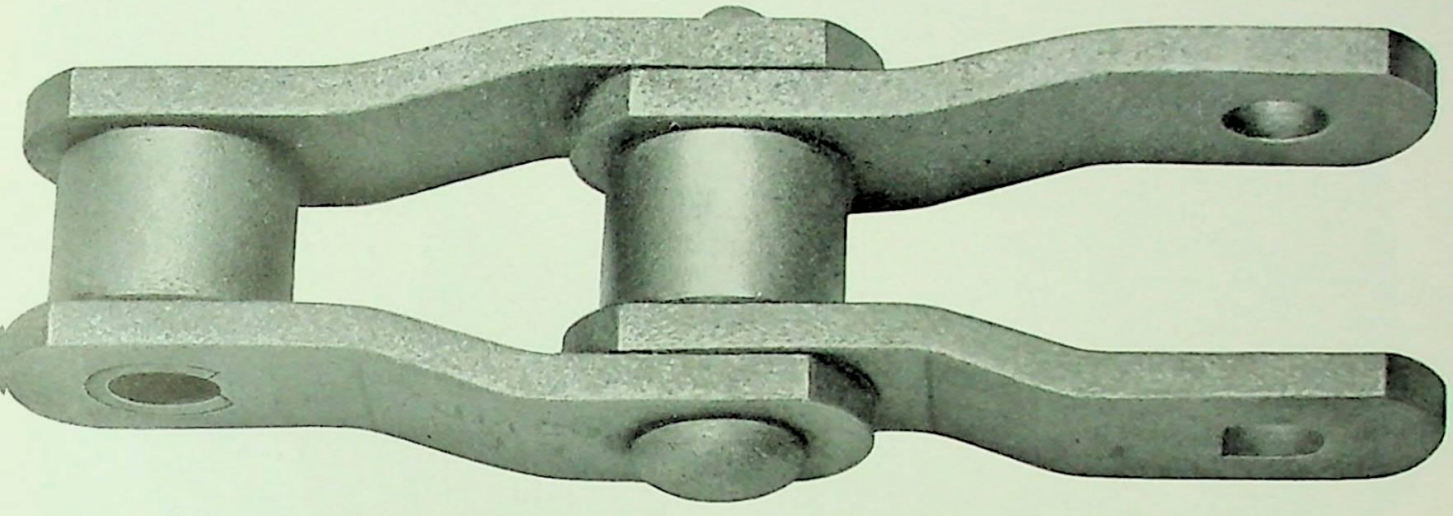
No. 1094—Pitch 2.30 Inches. Average Ultimate Strength, 10,000 lbs.
Use Sprockets No. 77 Detachable.



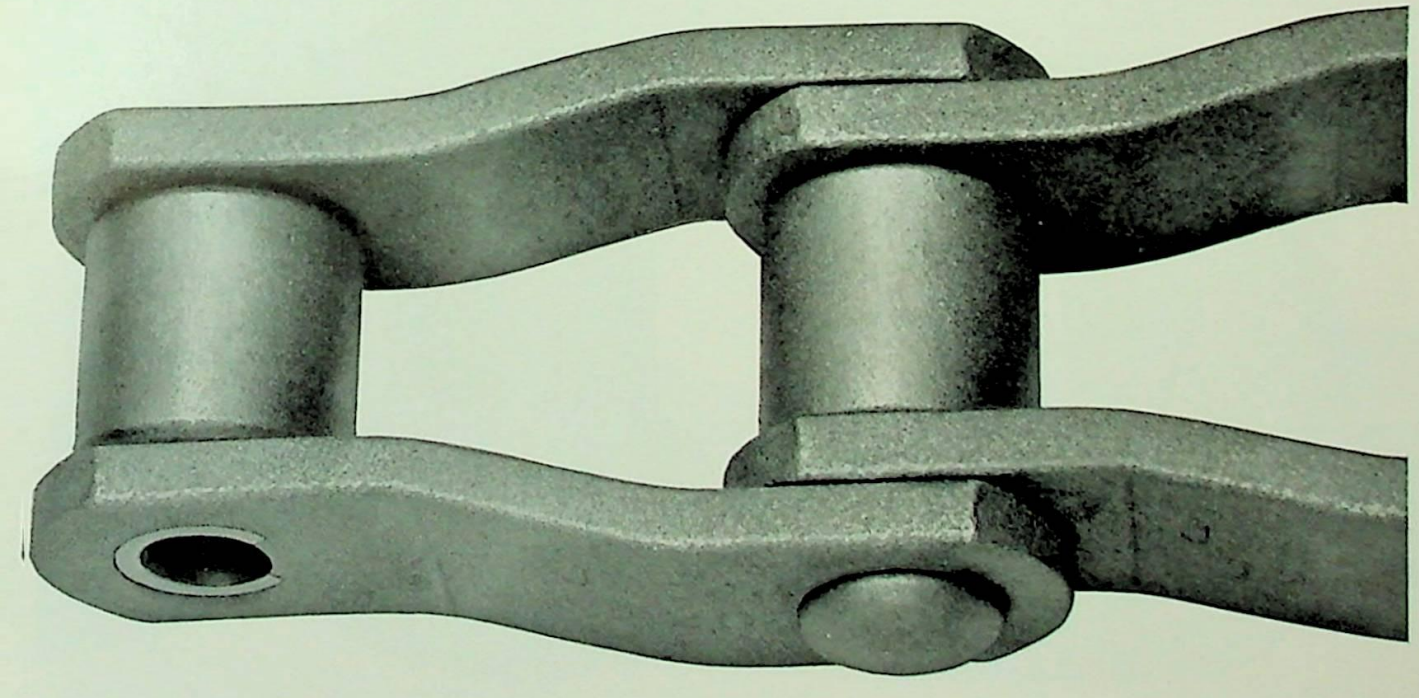
No. 433½—Pitch 2.62 Inches. Average Ultimate Strength, 13,000 lbs.
Use Sprockets No. 77 Detachable.

Jeffrey Steel Thimble Roller Chains

Shown approximately actual size.



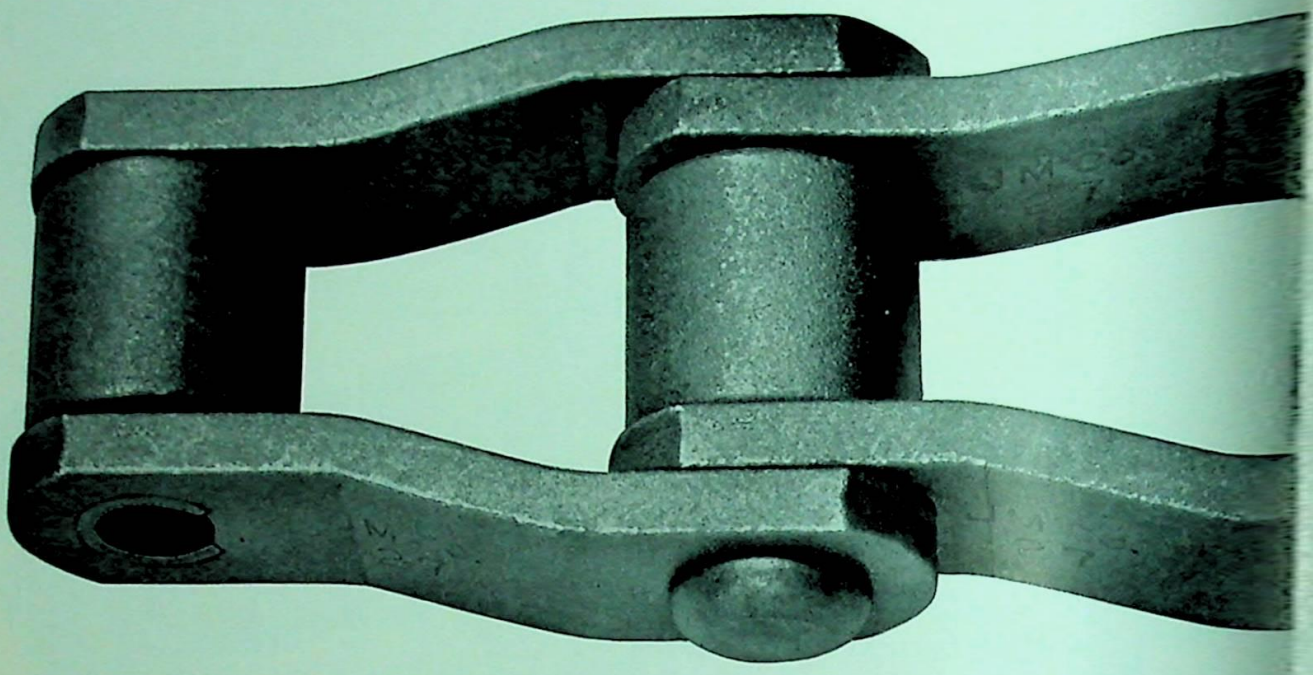
No. 17—Pitch 2.56 Inches. Average Ultimate Strength, 16,500 lbs.
Use Sprockets No. 17.



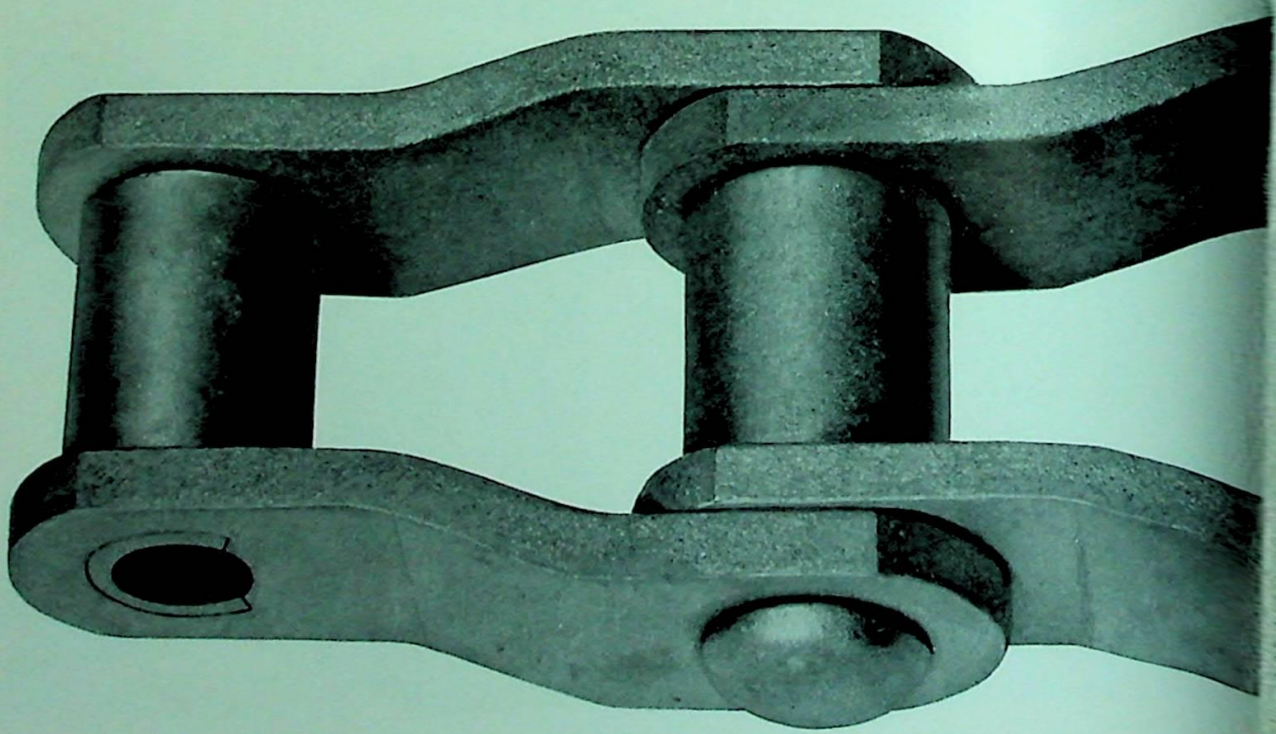
No. 120—Pitch 3.07 Inches. Average Ultimate Strength, 22,000 lbs.
Use Sprockets No. 103 Detachable.

Jeffrey Steel Thimble Roller Chains

Shown approximately actual size.



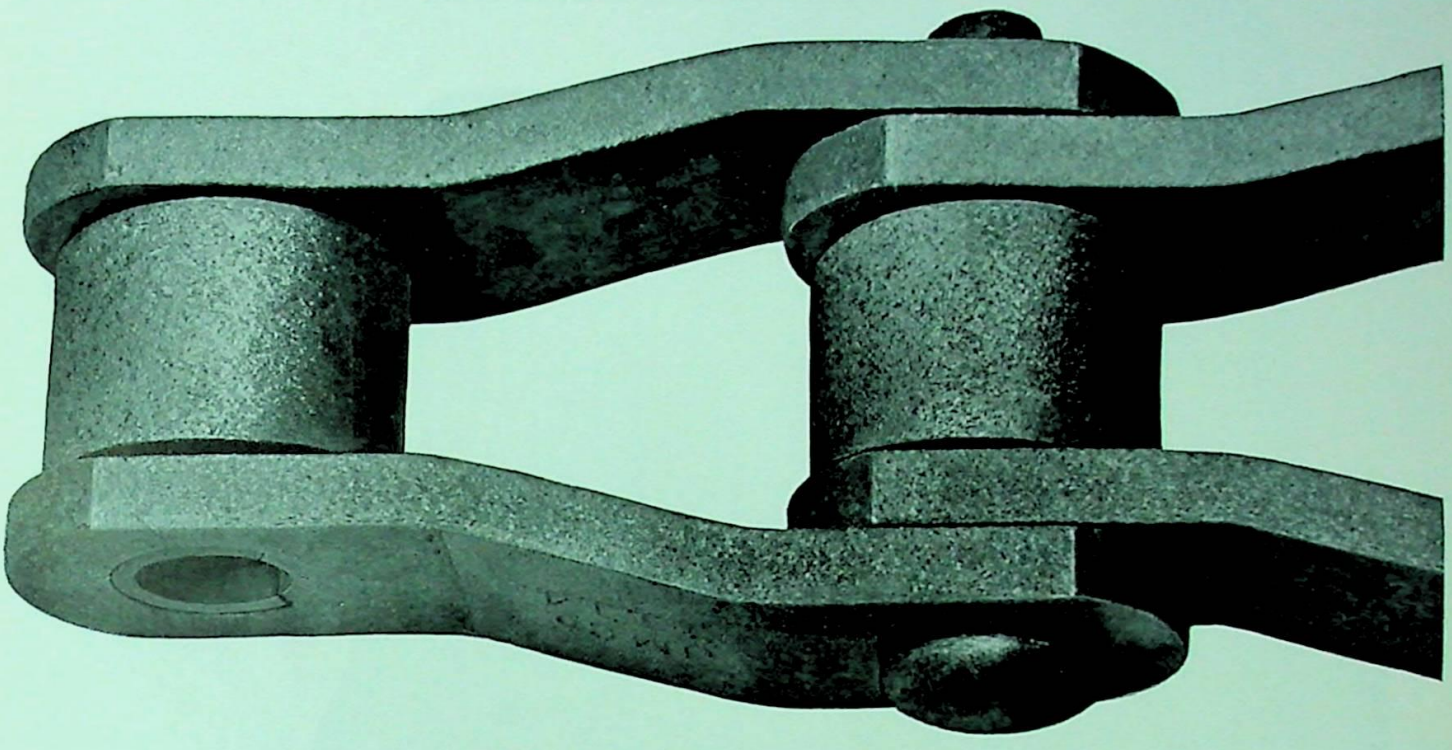
No. 27—Pitch 2.98 Inches. Average Ultimate Strength, 22,000 lbs.
Use Sprockets No. 27.



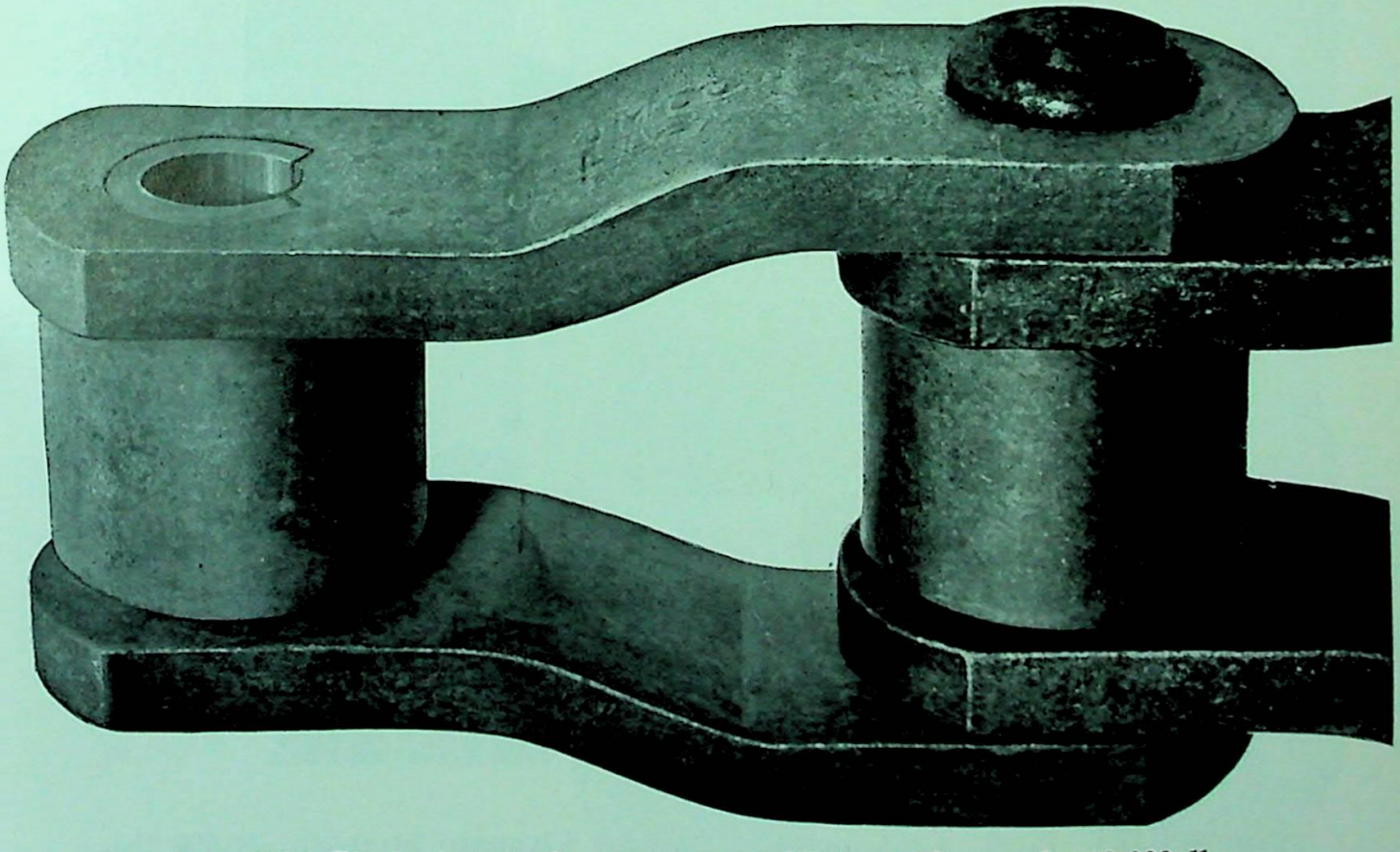
No. SS-40—Pitch 3.075 Inches. Average Ultimate Strength 28,000 lbs.
Use Sprockets No. 103 Detachable.

Jeffrey Steel Thimble Roller Chains

Shown approximately actual size.



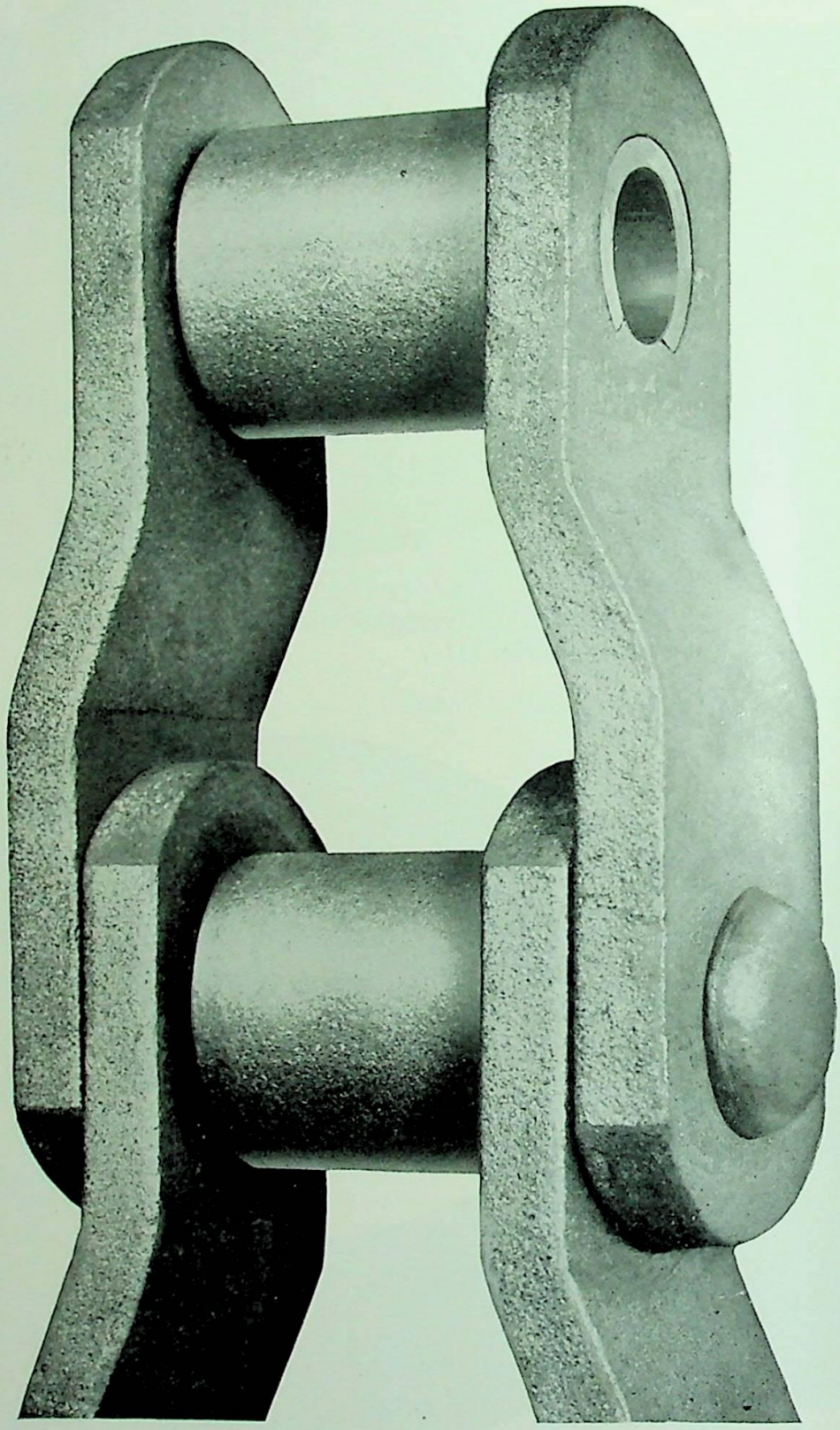
No. 1114—Pitch 3.507 In. Average Ultimate Strength, 28,000 lbs.
Use Sprockets No. 1114.



No. 112—Pitch 4.04 inches. Average Ultimate Strength, 40,000 lbs.
Use Sprockets No. 112.

Jeffrey Steel Thimble Roller Chains

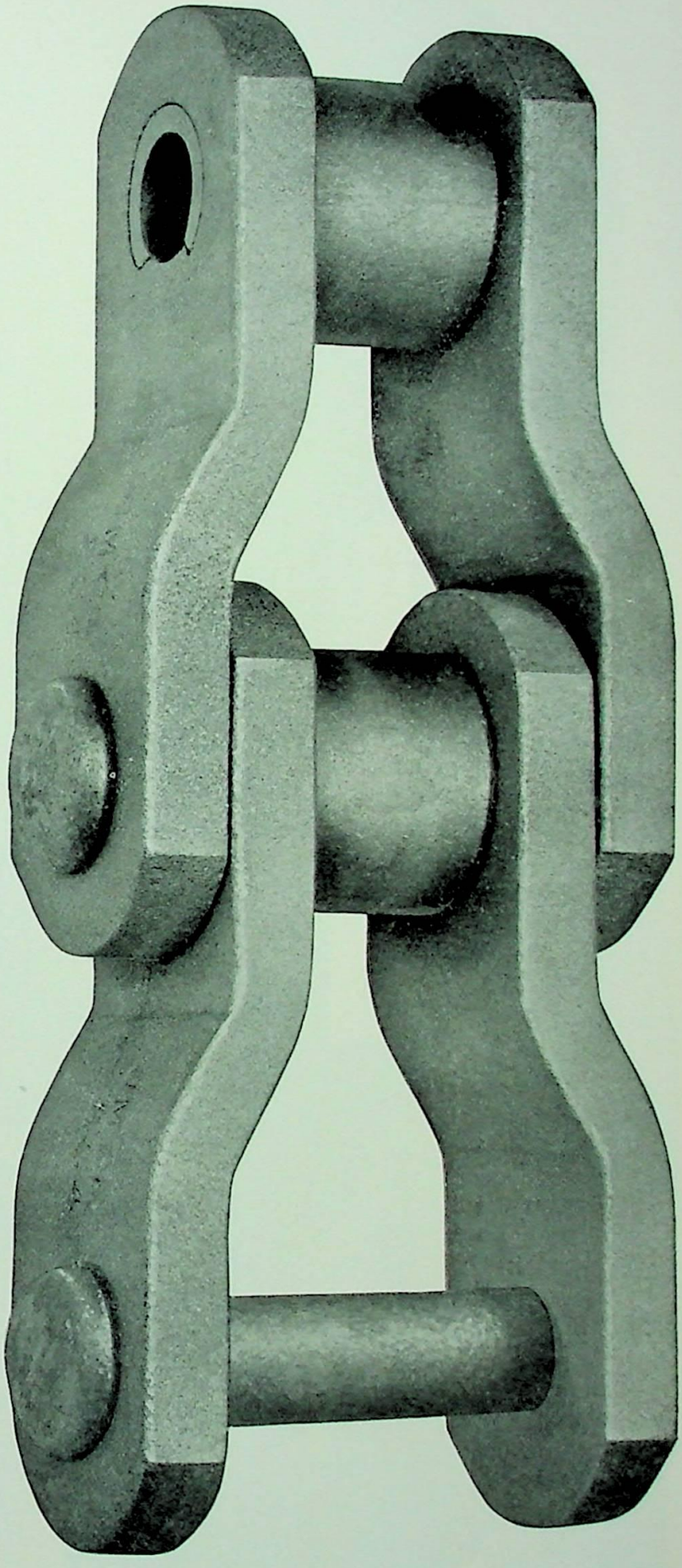
Shown approximately actual size.



No. SS-124—Pitch, 4.063 inches. Average Ultimate Strength, 58,000 lbs.
Use Sprockets No. 124 Detachable.

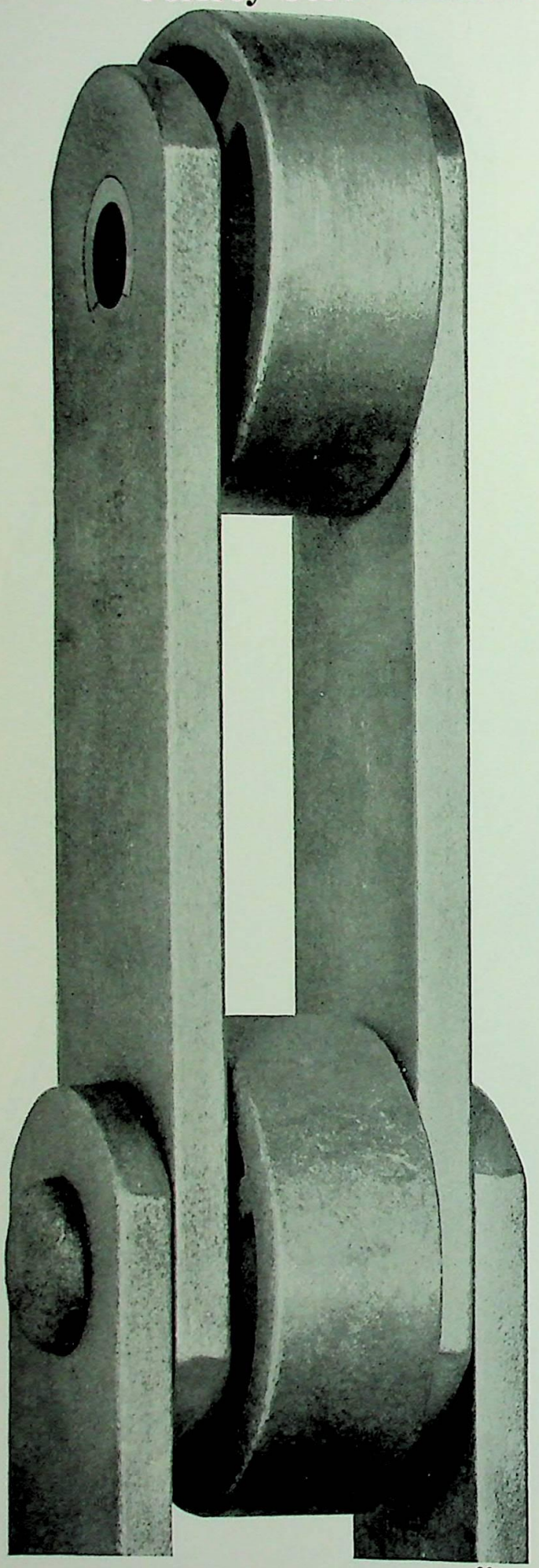
Jeffrey Steel Thimble Roller Chains

Shown approximately actual size.



No. 234—Pitch, 3.507 Inches. Average Ultimate Strength, 40,000 lbs. Use Sprockets No. 1114.

Jeffrey Steel Thimble Roller Chains

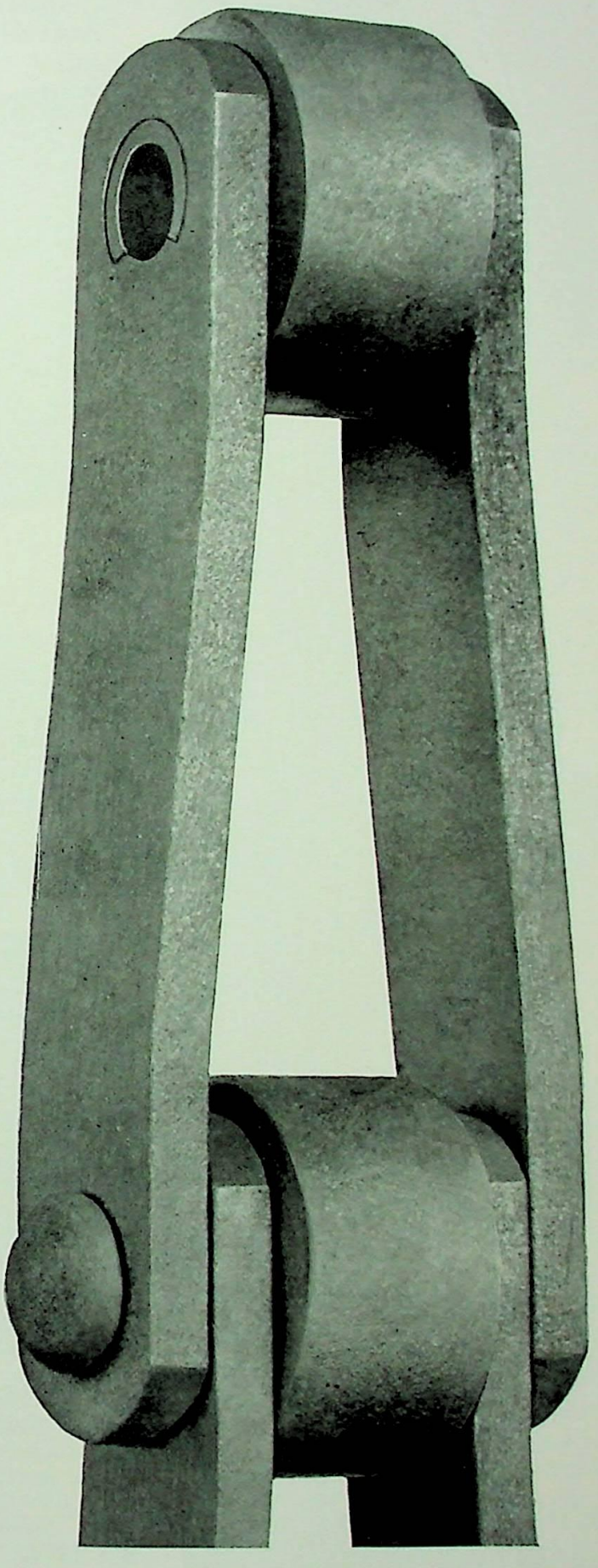


Shown approximately actual size.

No. 951—Pitch 6.00 inches. Average Ultimate Strength, 30,700 lbs. Use Sprockets No. 126C Malleable Roller.

Jeffrey Steel Thimble Roller Chains

Shown approximately actual size.

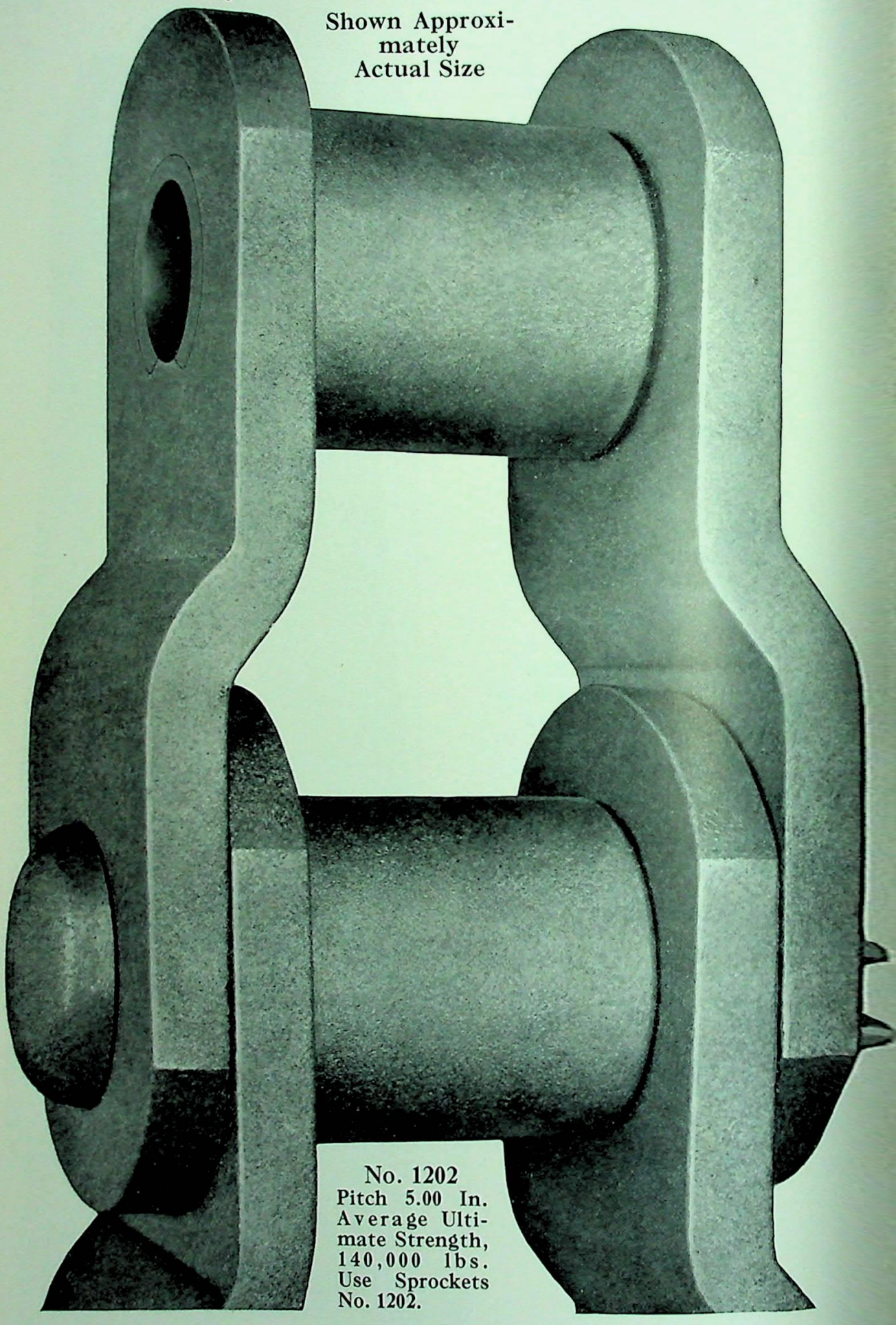


No. 1126-C—Pitch 6.00 Inches. Average Ultimate Strength, 28,000 lbs. Use Sprockets No. 126C M. R.

No. 1126—Is the same as No. 1126-C, except it has a 2¼" diam. Roller. Use Sprockets No. 126 M. R.

Jeffrey Steel Thimble Roller Chains

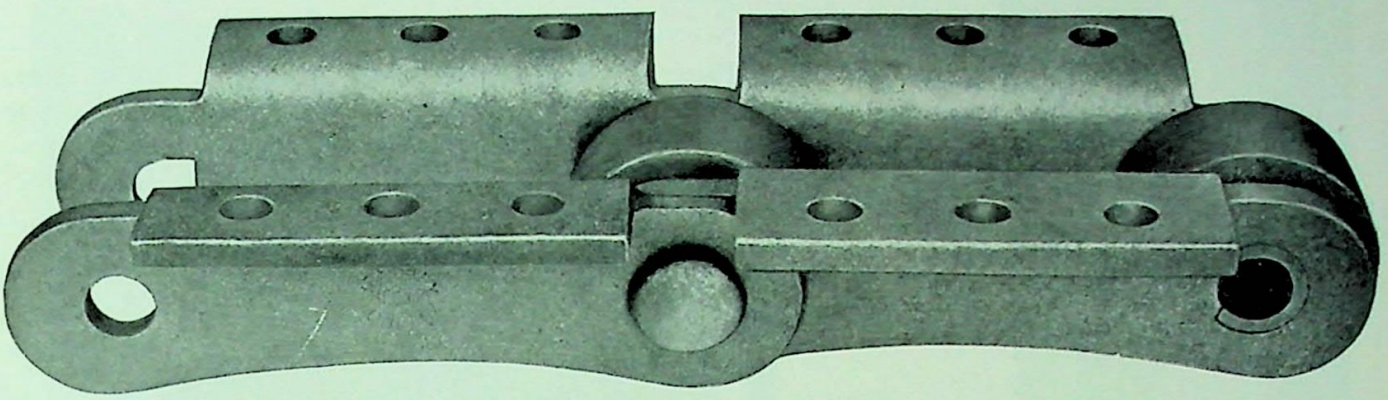
Shown Approximately Actual Size



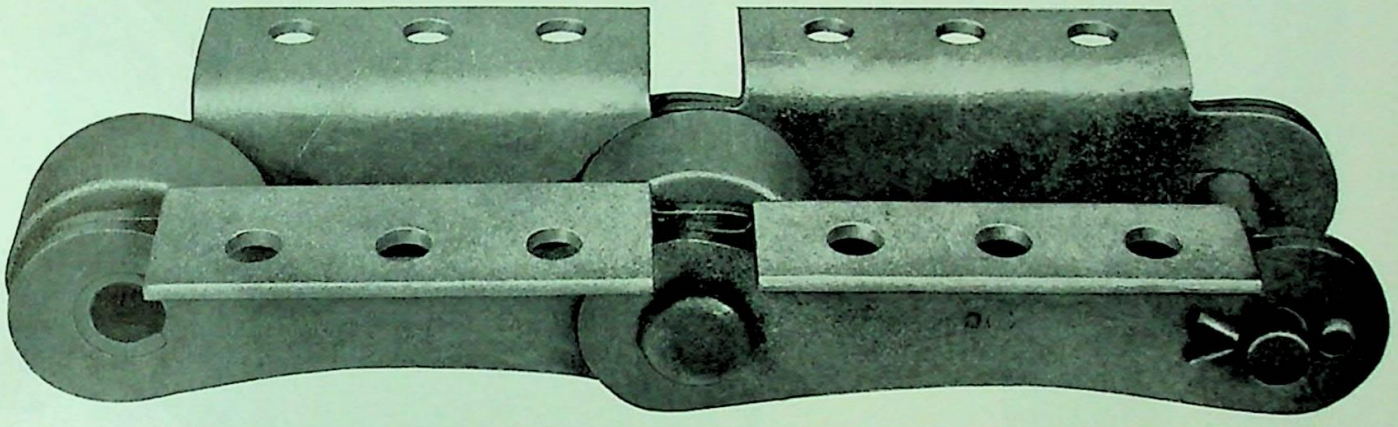
No. 1202
Pitch 5.00 In.
Average Ultimate Strength, 140,000 lbs.
Use Sprockets No. 1202.

Jeffrey Steel Thimble Roller Chains

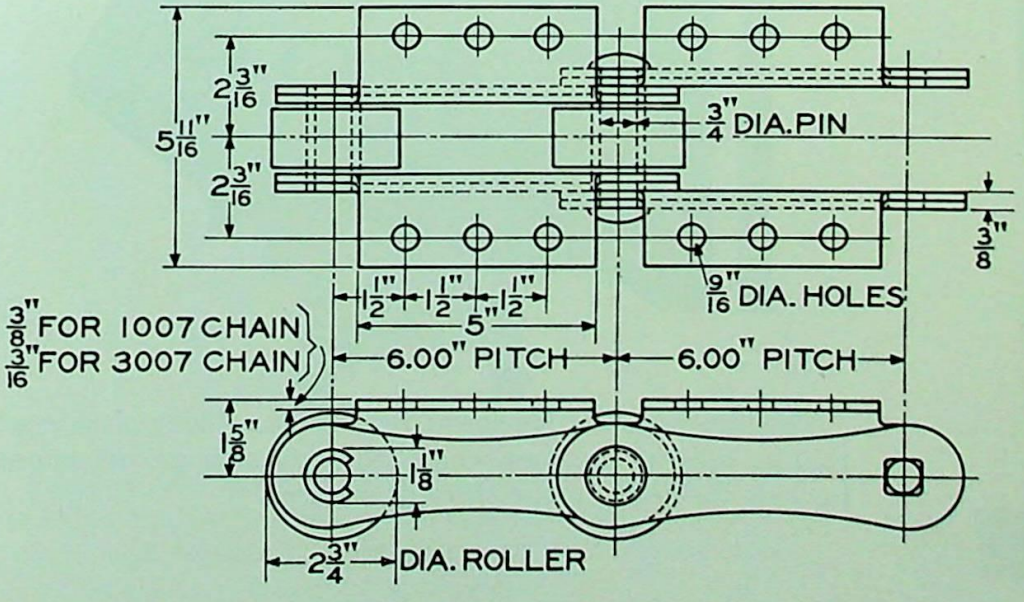
Cane Carrier



No. 1007 Single Side Bars—Pitch 6.00 Inches. Average Ultimate Strength, 43,000 lbs. Use Sprockets No. 1007. List Price per foot all K-2 Attachments as shown, $4.60. Weight per foot, 15 lbs.



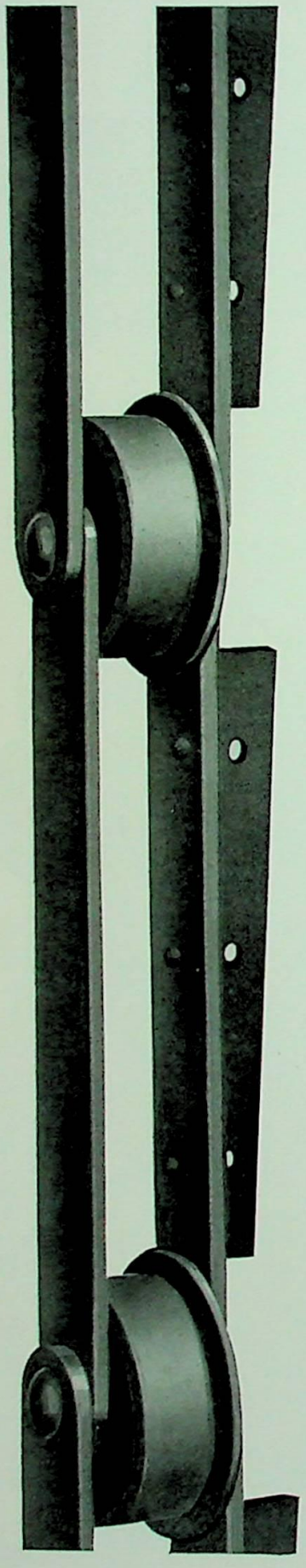
No. 3007 Double Side Bars—Pitch 6.00 Inches. Average Ultimate Strength, 76,300 lbs. Use Sprockets No. 1007. List Price per foot all K-2 Attachments as shown, $5.60. Weight per foot, 14 lbs.



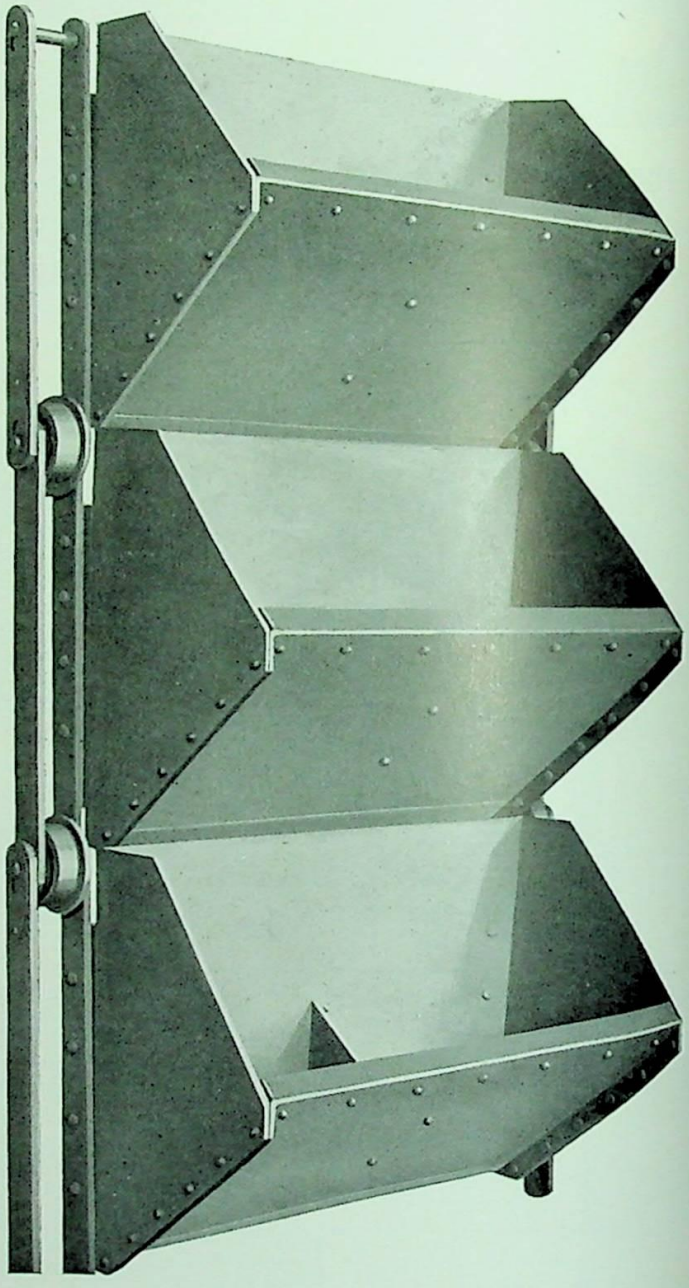
Dimension drawing of No. 1007 and 3007 Chains. The No. 1007 Chain has side bars and attachments formed from steel 3/8" thick, while the 3007 Chain has laminated or double side bars of 3/16" steel. The inside bar only is formed into the attachment. This chain is made from high carbon, high tensile strength steel.

Jeffrey Steel Thimble Roller Chains

For Heavy Service such as Large Elevators



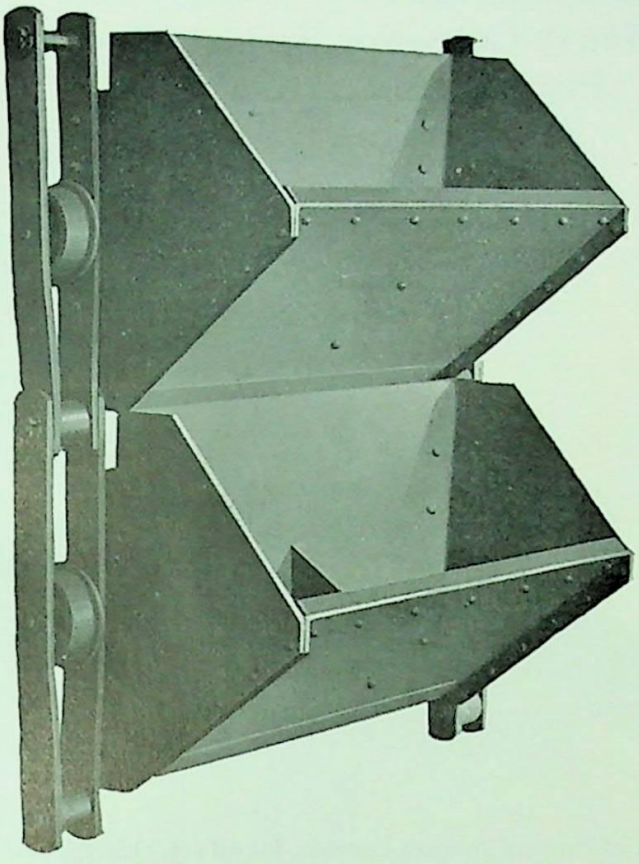
Long Pitch Chains of the Steel Thimble Roller Type, ruggedly constructed for heavy elevator and conveyor service.



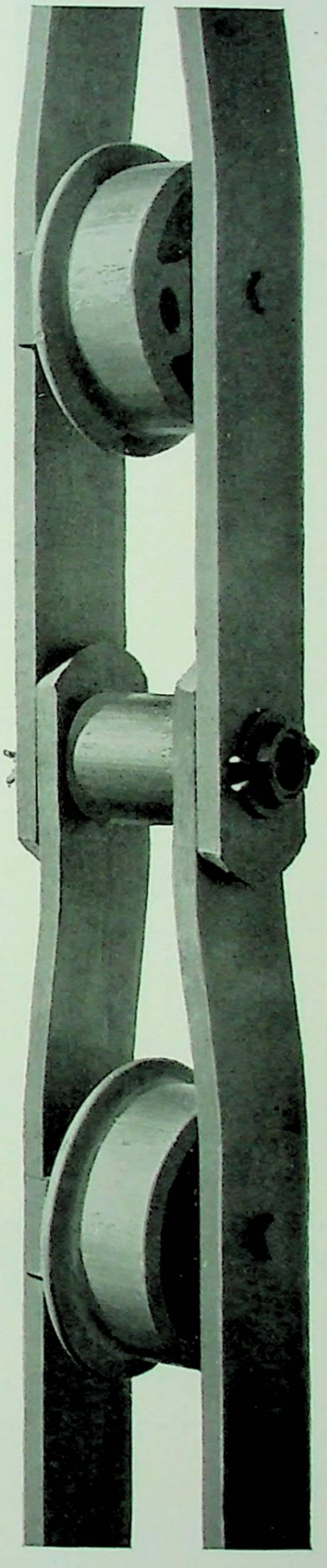
The illustration above shows two strands of long pitch steel thimble roller chain, upon which are mounted large continuous buckets for heavy stone elevator service.

Jeffrey Steel Thimble Roller Chains

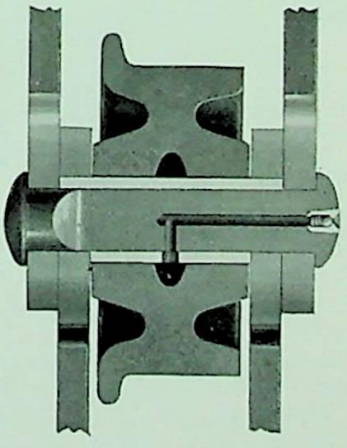
For Heavy Service Such as Large Elevators



Long Pitch Chains of the Steel Knuckle Type with intermediate carrying rollers.

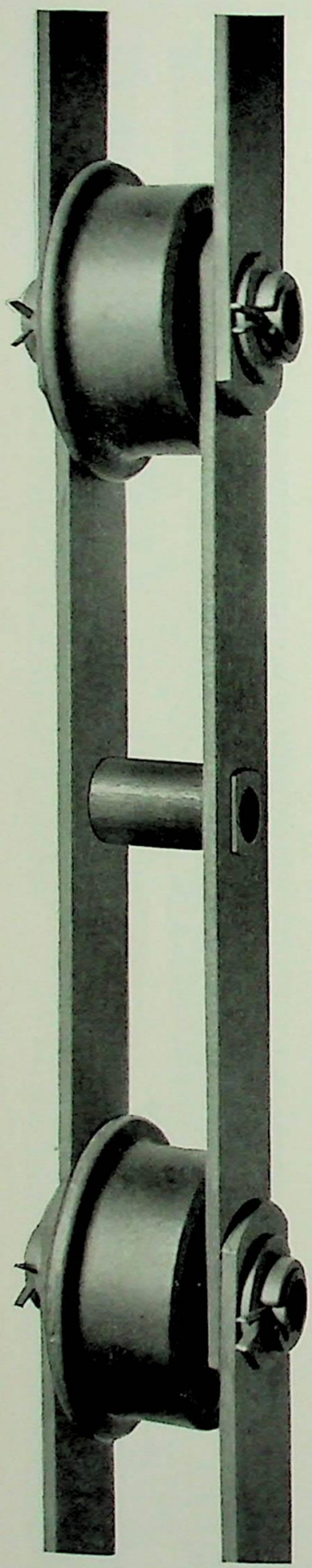


THIS type of chain is also used for heavy duty elevator and conveyor service. In the illustration above the buckets are shown mounted on angle attachments. Often, however, the buckets are hung from through rods extending between the two strands of chain.

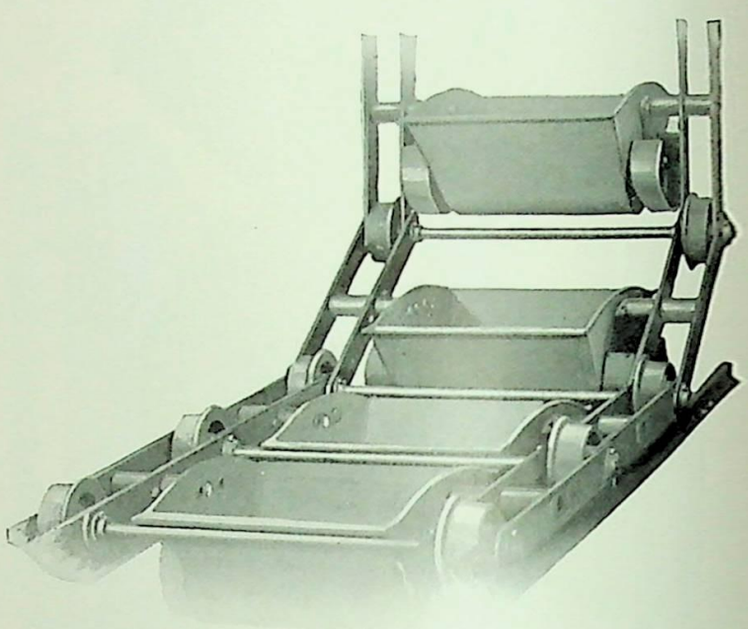


Any of the Long Pitch Steel Thimble Roller or Knuckle Chains can be lubricated through their pins by means of the high pressure lubricating system as shown by cross-section above. Prices on application.

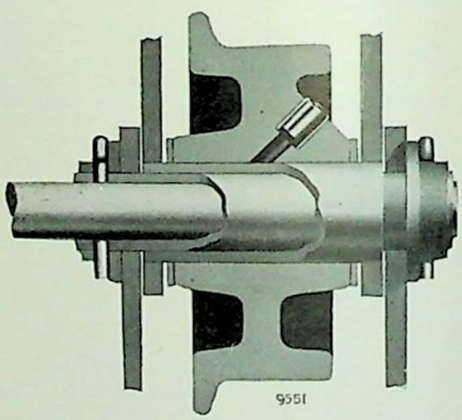
Jeffrey Steel Thimble Roller Chains



For Heavy Conveyor Service Such as Pivoted Bucket Carriers



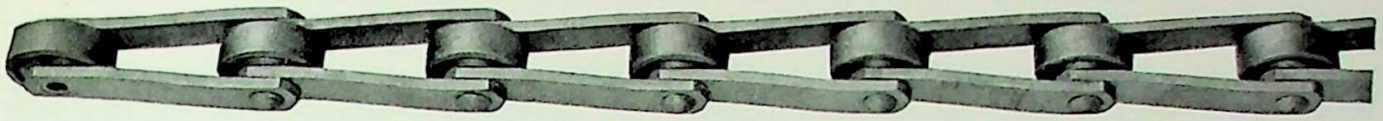
Section of Pivoted Bucket Carrier, for which this type of Chain was especially designed.

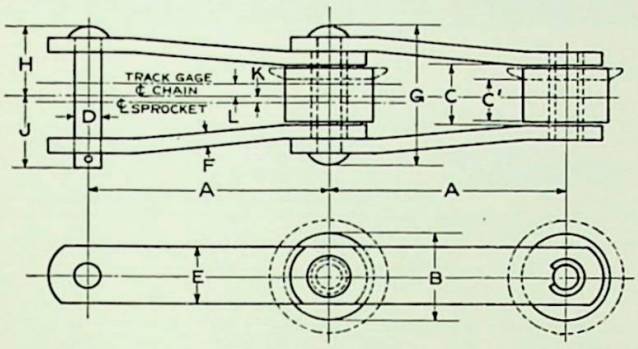


Cross-section showing construction and lubrication.

THESE chains are double-bushed, thus taking all the wear from through rod or chain pin. This adds greatly to its life. After long service the bushings may be replaced and practically a new chain obtained at very little cost.

Jeffrey Steel Thimble Roller Chains





List Price and Dimensions of Steel Thimble Roller Chains with Offset Side Bars

(Arranged According to Pitch)

Chain No.	List Price Per Foot	A Pitch In.	Average Weight Per ft. lbs.	‡ Working Strength in lbs. at 150 ft. Per Min.	§ Max. Speed ft. per Min.	Average Ultimate Strength lbs.	Works on Sprockets Number	B Dia. of Roller In.	C Width Inside In.	C1	D Dia. of Pin In.	Side Bar E Width In.	Side Bar F Thickness In.	G Overall Riveted Chain In.	Overall Coupled Chain H In.	Overall Coupled Chain J In.	L In.
††152	$2.00	1.84	3.00	560	800	10500	152	11/16S	5/8	.....	3/8	3/4	1/4	1 13/16	1	1 5/8	.....
1094	1.60	2.30	2.75	1400	700	10000	77 Det.	3/4S	21/32	.....	3/8	1	3/16	1 29/32	61/64	1 3/64	.....
17	2.10	2.56	4.55	2100	700	16500	17	1 1/8S	29/32	.....	1/2	1 1/4	1/4	2 11/32	1 11/64	1 19/64	.....
SS520	2.10	2.56	4.60	2100	700	16500	17	1 1/8S	1 3/32	.....	1/2	1 1/4	1/4	2 11/32	1 17/64	1 25/64	.....
433½	2.00	2.62	3.40	1900	700	13000	88 Det.	7/8S	1 1/8	.....	7/16	1 1/8	1/4	2 9/16	1 9/32	1 7/16	.....
27	2.80	2.98	6.90	2900	600	22000	27	1 3/8S	1 5/16	.....	9/16	1 3/8	5/16	3 1/16	1 17/32	1 31/32	.....
27 Sp.	3.00	2.98	6.90	2900	600	22000	1 M. R.	1 1/2S	1 5/16	.....	9/16	1 3/8	5/16	3 1/16	1 17/32	1 31/32	.....
120	2.60	3.07	7.10	3100	600	22000	103 Det.	1 1/4S	1 5/16	.....	9/16	1 3/8	5/16	3 1/16	1 17/32	1 31/32	.....
SS40	2.60	3.075	7.00	3900	650	28000	103 Det.	1 1/4S	1 1/2	.....	5/8	1 1/2	5/16	3 5/16	1 31/32	1 13/16	.....
301	3.10	3.25	10.19	3900	600	30000	114 Det.	1 5/8S	1 1/4	.....	5/8	1 1/2	3/8	3 5/16	1 31/32	1 13/16	.....
1114	3.10	3.507	11.30	3700	500	28000	1114	1 5/8S	1 1/4	.....	5/8	1 1/2	3/8	3 5/16	1 31/32	1 13/16	.....
234	4.60	3.507	15.90	5200	400	40000	1114	1 5/8S	1 1/4	.....	3/4	2	1/2	3 13/16	1 31/32	2 1/8	.....
1234	4.60	3.507	15.90	7800	400	60000	1114	1 5/8S	1 1/4	.....	3/4	2	1/2	3 13/16	1 31/32	2 1/8	.....
435	7.25	4.00	20.00	7300	300	60000	435	2 1/4S	1 1/2	.....	7/8	2 1/4	5/8	4 11/16	2 11/32	2 1/2	.....
112	4.30	4.04	15.70	5600	400	40000	112	1 7/8S	1 9/16	.....	3/4	2	1/2	4 5/16	2 3/32	2 7/32	.....
SS124	4.60	4.063	17.35	7200	450	58000	124 Det.	1 3/4S	1 31/32	.....	7/8	2 1/4	1/2	4 21/32	2 21/64	2 25/64	.....
1202	12.00	5.00	25.00	15600	200	140000	1202	2 1/2S	2 3/4	.....	1 1/4	3 1/2	5/8	.....	3 3/32	3 1/8	.....
575	5.80	5.06	25.20	7300	300	60000	575	2 1/2S	1 1/2	.....	7/8	2 1/2	5/8	4 11/16	2 11/32	2 1/2	.....
1126	2.30	6.00	8.70	3700	400	28000	126 M. R.	2 1/4S	1 1/4	.....	5/8	1 1/2	3/8	3 5/16	1 31/32	1 13/16	.....
1126C	2.50	6.00	9.40	3700	400	28000	126C-MR	3C	1 1/4	.....	5/8	1 1/2	3/8	3 5/16	1 31/32	1 13/16	.....
116	3.30	6.00	13.00	5700	400	40000	116	1 7/8S	1 9/16	.....	3/4	2	1/2	4 5/16	2 3/32	2 7/32	.....
116½	3.30	6.00	16.25	5700	400	40000	126C-MR	3C	1 9/16	.....	3/4	2	1/2	4 5/16	2 3/32	2 7/32	.....
117	11.50	6.00	32.70	13300	300	90000	117	2 1/2S	2 3/4	.....	1 1/4	3	5/8	5 1/2	2 3/4	2 13/16	.....
†1086	.....	24.00	38.00	25000	100	150000	1086	7 CF	3 1/4	2	1 1/4	4	5/8	.....	3 5/8	3 5/8	3/32
†1076	.....	30.00	30.00	25000	100	150000	1076	7 CF	3 1/4	2	1 1/4	4	5/8	.....	3 5/8	3 5/8	3/32
†1076½	.....	30.00	30.00	25000	100	150000	1076	7 CF	3 1/4	2	1 1/4	4	5/8	.....	3 5/8	3 5/8	3/32

Chains **in Bold Face Type** are **"Carried in Stock"**. All others are "Made on Order", and are subject to occasional delays.

‡**Working Strengths in Table** are increased or decreased for speeds other than 150 ft. per min. see page 121.

§**Economical Speeds** are Half of "Max." Speeds in Table above.

Roller Dimensions: "S" is Steel Roller without Flange; "C" is Cast Iron Roller without flange; "CF" is Cast Iron Roller with flange.

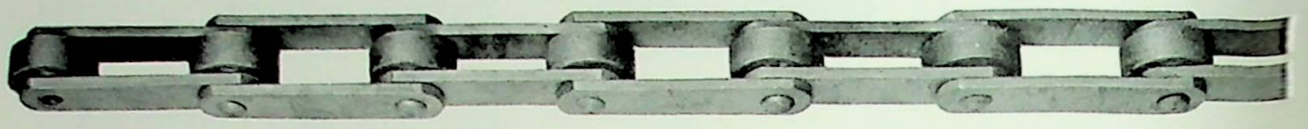
Number 1076½ same as No. 1076 except thru rod is omitted and pin used in its place.

††No. 152 Chain is made up without bushings.

†Knuckle Type Chain with intermediate rollers.

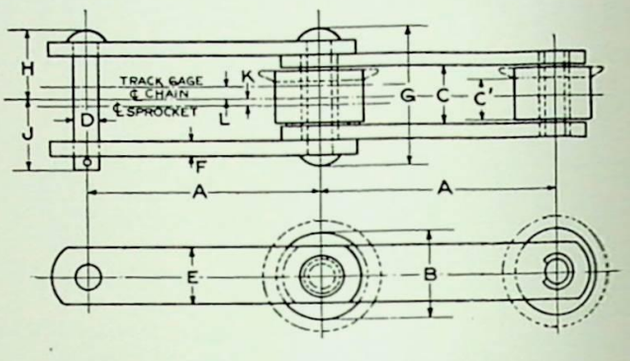
For List of Sprockets, see pages 141 to 144 for Cast Iron and 157-158 for Cast Steel.

Jeffrey Steel Thimble Roller Chains



List Price and Dimensions of Steel Thimble Roller Chains with Straight Side Bars

(Arranged according to Pitch.)



Chain No.	List Price Per Foot	A Pitch In.	Approx. Weight Per Ft. Lbs.	‡ Working Strength in Lbs at 150 Ft Per Min.	§ Max. Speed Ft Per Min.	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Dia. of Roller In.	C Width Inside In.	C1	D Dia. of Pin In.	Side Bar E Width In.	Side Bar F Thickness In.	G Overall Riveted Chain In.	Overall Coupled Chain H In.	Overall Coupled Chain J In.	K In.	L In.
950	$2.65	1.50	3.10	2100	800	14000	950	¾S	23/32	.....	3/8	1 1/8	5/16	1 23/32	5 7/64	1 3/64	.....	—
1192	2.00	1.50	3.30	1400	700	10000	52 Det.	11/16S	23/32	.....	3/8	1	5/16	1 23/32	6 1/64	1 13/64	.....	—
963	2.00	1.63	3.25	1400	800	13000	963	7/8S	23/32	.....	3/8	1 1/8	5/16	1 23/32	5 7/64	1 3/64	.....	—
1193	1.85	1.65	3.00	1400	700	10000	62 Det.	11/16S	23/32	.....	3/8	1	5/16	1 23/32	6 1/64	1 13/64	.....	—
946	2.50	2.00	4.25	1900	700	13000	946	7/8S	1 3/16	.....	7/16	1 1/8	3/4	2 1/16	1 5/32	1 7/16	.....	—
149	3.40	4.00	12.38	3700	500	30700	149	2¼S	1¼	.....	5/8	1½	3/8	3 5/16	1 21/32	1 11/16	.....	—
951	2.60	6.00	9.25	3750	450	30700	126C-M.R.	3 C	1¼	.....	5/8	2	3/8	3 5/16	1 21/32	1 11/16	.....	—
†**1007**	3.00	6.00	13.50	5200	400	50000	1007	2¾C	1 5/16	.....	¾	2¼	3/8	3 11/16	1 23/32	1 31/32	.....	—
†3007	.....	6.00	13.50	9250	400	76300	1007	2¾C	1 5/16	.....	¾	2¼	3/8	3 11/16	1 23/32	1 31/32	.....	—
911	2.20	9.00	7.70	3900	350	23400	911	3 C	1½	.....	5/8	2	5/16	3 5/16	1 23/32	1 11/16	.....	—
809	3.00	9.00	13.00	4500	350	44000	809	3½C.F.	2 1/32	1 3/8	¾	2½	¼	3 23/32	1 53/64	1 63/64	¼	3/16
1085	3.40	9.00	14.50	5200	300	47000	1085	4 C.F.	2 1/16	1¼	¾	2½	5/16	3 11/16	1 31/32	2 5/32	¼	3/16
982	3.60	9.00	16.00	8000	315	60000	809	3½C.F.	2 3/32	1½	7/8	2½	3/8	4 1/32	2 15/64	2 23/64	¼	3/16
1199	3.55	9.00	16.00	8000	315	60000	809	3½C	2 3/32	.....	7/8	2½	3/8	4 1/32	2 15/64	2 23/64	.....	—
276	2.80	12.00	12.20	5200	300	47000	180	4C.F.	2 1/16	1¼	¾	2½	5/16	3 11/16	1 31/32	2 5/32	¼	3/16
1107	2.70	12.00	11.92	5200	300	47000	180	4C	2½	.....	¾	2½	5/16	4 1/16	1 31/32	2 5/32	.....	—
1120	2.40	12.00	11.25	5200	300	47000	1120	3C	2 1/16	.....	¾	2½	5/16	3 11/16	1 31/32	2 5/32	.....	—
180	3.25	12.00	14.20	6500	200	60000	180	4C.F.	2½	1 5/8	7/8	2½	3/8	4 1/16	2 1/32	2½	15/64	7/16
1095	3.10	12.00	14.00	6500	200	60000	180	4C	2½	.....	7/8	2½	3/8	4 1/16	2 1/32	2½	.....	—
1160	2.80	12.00	14.00	6500	200	60000	1160	3C	2½	.....	7/8	2½	3/8	4 1/16	2 1/32	2½	.....	—
1078	4.00	12.00	16.75	9700	200	78500	180	4C.F.	2½	1 3/16	1	2½	½	5¼	2 5/8	2 11/16	¼	3/16
1087	4.60	12.00	23.65	9700	200	78500	1087	5C.F.	2½	1 11/16	1	2½	½	5¼	2 5/8	2¾	¼	3/16

For longer Pitch Chains, see following page.

Chains **in Bold Face Type** are **"Carried in Stock"**. All others are "Made on Order", and are subject to occasional delays.

‡**Working Strengths in Table** are increased or decreased for speeds other than 150 ft. per min, see page 121.

†Plain Chain without Attachments.

Roller Dimensions: "S" is Steel Roller without Flange; "C" is Cast Iron Roller without flange; "CF" is Cast Iron Roller with flange

§Economical Speeds are not over half of Max. speeds.

No. 1085 same as 276 except pitch.

No. 1087 same as 182½ except pitch.

No. 1095 same as No. 180 except Straight Face Roller is used.

No. 1107 same as No. 276 except Straight Face Roller.

No. 1120 same as 276 except 3 inch Straight Face Roller is used.

No. 1124 is similar to SS-124.

No. 1144 same as 182½ except 3½ inch Straight Face Roller.

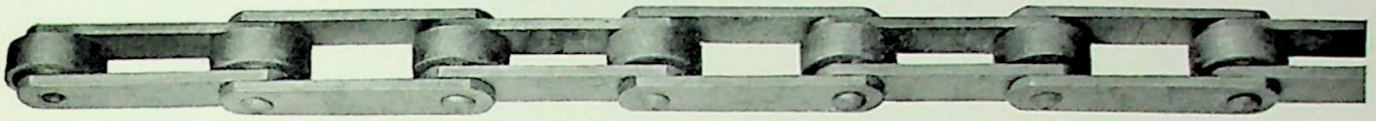
No. 1160 same as 180 except 3 inch Straight Face Roller.

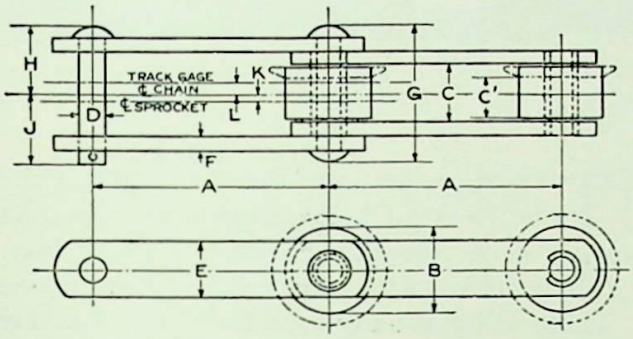
No. 1195 same as 951 except Pitch.

No. 1199 same as 982 except Straight Face Roller.

For List of Sprockets, see pages 141 to 144 for Cast Iron and 157-158 for Cast Steel.

Jeffrey Steel Thimble Roller Chains





List Price and Dimensions of Long Pitch Steel Thimble Roller Chains with Straight Side Bars

(Arranged According to Pitch)

Chain No.	List Price Per Foot	A Pitch In.	Average Weight Per Ft. Lbs.	‡ Working Strength in Lbs at 150 Ft Per Min.	§ Max. Speed Ft Per Min.	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Dia. of Roller In.	C Width Inside In.	C1	D Dia. of Pin In.	Side Bar E Width In.	Side Bar F Thickness In.	G Overall Riveted Chain In.	Overall Coupled Chain H In.	Overall Coupled Chain J In	K In.	L In.
182	$2.90	18.00	16.70	6500	200	60000	182	5C.F.	2 1/2	1 11/16	7/8	2 1/2	3/8	4 11/16	2 11/32	2 1/4	1/4	1/4
1018	4.50	18.00		8750		Superseded By No. 1168 Chain												
1168	4.25	18.00	18.30	8750	165	42000	1018	5C.F.	2 3/4	1 3/4	7/8	2 3/4	1/4		2 3/4	2 3/4	1/16	5/16
182 1/2	3.50	18.00	18.60	9700	150	78500	182	5C.F.	2 1/2	1 11/16	1	2 1/2	1/2	5 1/4	2 5/8	2 3/4	1/4	1/4
1105	3.40	18.00	19.20	9700	150	78500	182	5C	2 1/2	.....	1	2 1/2	1/2	5 1/4	2 5/8	2 3/4	.....	.....
1144	2.85	18.00	15.00	9700	150	78500	1144	3 1/2 C	2 1/2	.....	1	2 1/2	1/2	5 1/4	2 5/8	2 3/4	.....	.....
1092	5.60	18.00	31.00	15600	100	140000	1092	6C.F.	2 3/4	1 13/16	1 1/4	3 1/2	5/8	.....	3 3/32	3 1/4	1/16	13/32
1187	5.40	18.00	28.50	15600	100	93600	1092	6C.F.	2 3/4	1 13/16	1 1/4	3	5/8	.....	3 3/32	3 1/4	1/16	13/32
1197	7.20	18.00	34.50	20000	100	105000	1092	6C.F.	3 1/4	1 13/16	1 3/4	3 1/2	5/8	.....	3 1/2	3 1/2	1/16	1/16
1149	.....	24.00	16.70	9700	150	78500	1149	3C	2 1/2	.....	1	2 1/2	1/2	5 1/4	2 5/8	2 3/4	.....	.....
1183	2.90	24.00	16.10	9700	150	78500	1183	5C.F.	2 1/2	1 11/16	1	2 1/2	1/2	5 1/4	2 5/8	2 3/4	1/4	1/4
987	.....	24.00		12000		Superseded By No. 1169 Chain												
1169	4.10	24.00	19.00	12000	100	63000	987	6C.F.	3 1/8	1 13/16	1	3	3/8	.....	3 1/8	3 1/8	3/32	5/16
1198	.....	24.00	19.00	12000	100	63000	987	6C.F.	3 1/8	1 13/16	1	3	3/8	.....	3 1/8	3 1/8	3/32	5/16
1074	.....	24.00		15000		Superseded By No. 1170 Chain												
1170	.....	24.00	22.00	15000	100	78000	987	6C.F.	3 1/8	1 13/16	1	3 1/2	3/8	.....	3 1/8	3 1/8	1/16	5/16
1093	4.60	24.00	27.00	15600	100	140000	987	6C.F.	2 3/4	1 13/16	1 1/4	3 1/2	5/8	.....	3 3/32	3 1/4	1/16	13/32
1184	.....	24.00	24.50	15600	100	93600	987	6C.F.	2 3/4	1 13/16	1 1/4	3	5/8	.....	3 3/32	3 1/4	1/16	13/32
1208	4.20	24.00	22.00	15600	100	140000	1208	4C	2 3/4	....	1 1/4	3 1/2	5/8	.....	3 3/32	3 1/4	.....	.....
1164	.....	24.00	29.50	20000	100	105000	987	6C.F.	3 1/4	1 13/16	1 3/4	3 1/2	5/8	.....	3 1/2	3 1/2	1/16	1/16
1072	.....	30.00		15000		Superseded By No. 1175 Chain												
1150	.....	30.00	20.00	15000	100	78000	1072	7 S.F.	3 1/8	1 13/16	1	3 1/2	3/8	.....	3 1/8	3 1/8	1/16	5/16
1175	.....	30.00	20.00	15000	100	78000	1072	7C.F.	3 1/8	1 13/16	1	3 1/2	3/8	.....	3 1/8	3 1/8	1/16	5/16
1178	.....	30.00	21.00	15600	100	140000	1178	6C.F.	2 3/4	1 13/16	1 1/4	3 1/2	5/8	.....	3 1/8	3 1/8	1/16	13/32
1185	.....	30.00	22.50	15600	100	93600	1178	6C.F.	2 3/4	1 13/16	1 1/4	3	5/8	.....	3 3/32	3 1/4	1/16	13/32
1186	.....	30.00	27.00	20000	100	105000	1178	6C.F.	3 1/4	1 13/16	1 3/4	3 1/2	5/8	.....	3 1/2	3 1/2	1/16	1/16

Chains **in Bold Face Type** are **"Carried in Stock."** All others are "Made on Order," and are subject to occasional delays.

‡**Working Strengths in Table** are increased or decreased for speeds other than 150 ft. per min., see page 121.

Roller Dimensions: "S" is Steel Roller without Flange; "C" is Cast Iron Roller without flange; "CF" is Cast Iron Roller with flange; "SF" is Steel Roller with flange.

§Economical Speeds are not over half of Max. speed.

No. 1105 same as 182 1/2 except with Straight Face Roller.

No. 1144 same as 182 1/2 except 3 1/2 inch Straight Face Roller.

No. 1149 same as 182 1/2 except pitch and 3 inch Straight Face Roller

No. 1150 same as 1072 except with Drop Forged Roller.

No. 1178 same as 1093 except Pitch.

No. 1183 same as 182 1/2 except Pitch.

No. 1185 same as 1184 except Pitch.

No. 1186 same as 1164 except Pitch.

No. 1197 same as 1164 except Pitch.

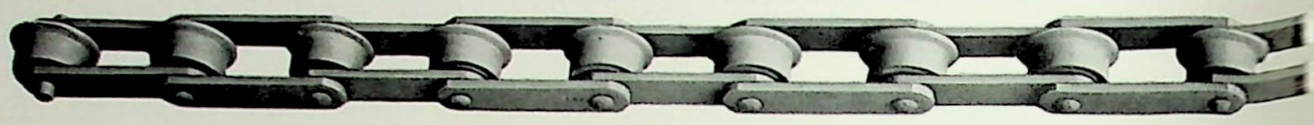
No. 1198 same as 1169 except with Cast Steel Roller.

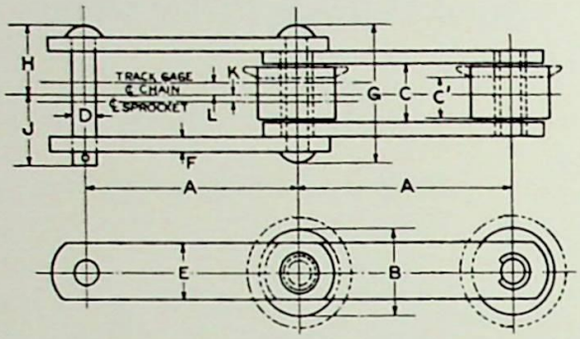
No. 1208 same as 1093 except Roller.

For List of Sprockets, see pages 141 to 144 for Cast Iron and 157-158 for Cast Steel.

Jeffrey Steel Thimble Roller Chains

Manufacturers' Standard Sizes





THE Manufacturers' Standard Steel Thimble Roller Chains shown on this page have been adopted because of their interchangeability with those of other makes. These will gradually take the place of certain sizes of the Engineering Chains listed on pages 96 and 97.

List Price and Dimensions (arranged according to diameter of pin)

Chain No.	List Price Per Foot	A Pitch In.	Approx. Weight Per Ft. Lbs.	‡ Working Strength in Lbs. at 150 Ft Per Min.	§ Max. Speed Ft. Per Min.	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Dia. of Roller In.	C Width Inside In.	C1 In.	D Dia. of Pin In.	Side Bar E Width In.	Side Bar F Thickness In.	G Overall Riveted Chain In.	Overall Coupled Chain H In.	Overall Coupled Chain J In.	K In.	L In.
911	$2.20	9.00	7.7	3900	350	23400	911	3C	1½	.....	⅝	2	5/16	3 5/16	1 21/32	1 13/16	.....	.....
1211	2.00	12.00	9.8	3900	200	23400	1211	3C	1½	.....	⅝	2	5/16	3 5/16	1 21/32	1 13/16	.....	.....
922	3.00	9.00	8.5	5625	300	33750	922	3½CF	2	1¼	¾	2	⅜	4⅛	2 1/16	2 3/16	¼	.....
1222	2.50	12.00	10.5	5625	200	33750	1222	3½CF	2	1¼	¾	2	⅜	4⅛	2 1/16	2 3/16	¼	.....
1822	2.00	18.00	14.0	5625	150	33750	1822	3½CF	2	1¼	¾	2	⅜	4⅛	2 1/16	2 3/16	¼	.....
933	4.00	9.00	16.8	6550	300	39300	933	4CF	2¼	1½	⅞	2½	⅜	4 7/16	2 7/32	2 5/16	¼	.....
1233	3.20	12.00	14.0	6550	200	39300	180	4CF	2¼	1½	⅞	2½	⅜	4 7/16	2 7/32	2 5/16	¼	.....
1833	2.50	18.00	16.0	6550	150	39300	1833	4CF	2¼	1½	⅞	2½	⅜	4 7/16	2 7/32	2 5/16	¼	.....
1244	5.00	12.00	23.0	10000	200	60000	1087	*5CF	2½	1 11/16	1	2½	½	5¼	2⅝	2 11/16	¼	.....
1844	3.80	18.00	18.6	10000	150	60000	182	*5CF	2½	1 11/16	1	2½	½	5¼	2⅝	2 11/16	¼	.....
2444	3.00	24.00	16.0	10000	100	60000	2444	*5CF	2½	1 11/16	1	2½	½	5¼	2⅝	2 11/16	¼	.....
1855	5.50	18.00	28.0	15600	150	93600	1092	*6CF	2¾	1¾	1¼	3	⅝	†	3 3/32	3¼	⅜	.....
2455	4.40	24.00	24.0	15600	100	93600	987	*6CF	2¾	1¾	1¼	3	⅝	†	3 3/32	3¼	⅜	.....
1866	6.50	18.00	33.5	18750	150	112500	1092	*6CF	3	1¾	1½	3½	⅝	†	3 5/16	3 5/16	⅜	.....
2466	5.30	24.00	26.5	18750	100	112500	987	*6CF	3	1¾	1½	3½	⅝	†	3 5/16	3 5/16	⅜	.....

‡ Working Strengths in Table are increased or decreased for speeds other than 150 ft. per min., see page 121.
Roller Dimensions: "C" is Cast Iron Roller without flange; "CF" is Cast Iron Rollers with flange.

§ Economical Speeds are not over half of Max. Speed.

* Self Oiling Rollers.

† Assembled with Coupling Pins and Malleable Washers.

Jeffrey Steel Thimble Roller Chains

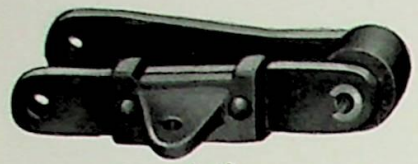
List Price and Weights of Attachments

Chain Number and Attachment	List Price Each, Loose	List Price per foot assembled in chain every link	Average Weight per foot Pounds
No. 116			
A-53 Malleable	$0.70	$5.30	16.40
A-53 with 23C Flight Wing	.....	.....	19.05
G-9	.70	5.30	17.10
No. 116½			
A-53 Malleable	.70	5.30	19.65
A-53 with 23C Flight Wing	.....	.....	22.30
G-9	.70	5.30	20.35
No. 149			
K-1 One side	.....	4.30	13.66
K-1 Both sides	.....	5.10	14.94
No. 180			
D-11	.....	3.90	16.20
D-11½	.....	3.90	16.20
K-2½ One side	.....	4.00	15.80
K-2½ Both sides	.....	4.75	17.40
No. 182			
D-11	.....	3.60	19.20
D-11½	.....	3.60	18.95
K-2½ One side	.....	3.80	22.30
K-2½ Both sides	.....	4.70	27.90
No. 182½			
D-11	.....	4.20	21.10
D-11½	.....	4.20	20.85
D-21½	.....	4.30	21.40
K-2½ One side	.....	4.40	23.80
K-2½ Both sides	.....	5.30	29.40
No. 276			
D-11	.....	3.45	14.65
D-11½	.....	3.45	13.80
K-2½ One side	.....	3.55	15.50
K-2½ Both sides	.....	4.30	18.80
No. 809			
D-11½	.....	3.70	14.75
K-2½ One side	.....	3.80	15.50
K-2½ Both sides	.....	4.60	18.00
No. 911			
D-2½	.....	2.90	9.75
K-2½ One side	.....	3.00	10.20
K-2½ Both sides	.....	3.80	12.40
No. 951			
D-2½	.....	3.50	10.65
K-2½ One side	.....	3.60	11.00
K-2½ Both sides	.....	4.60	12.75
VE-1	1.40	4.90	16.00
No. 982			
D-11½	.....	$4.30	17.75
K-2½ One side	.....	4.40	18.50
K-2½ Both sides	.....	5.20	20.00
No. 1007			
A-42	$0.45	4.30	15.00
A-42 with 23C Flight Wing	.....	.....	17.60
K-2 One side	.....	3.90	14.25
K-2 Both sides	.....	4.60	15.00
No. 1076½			
D-21½	.....	.....	34.00
No. 1095			
K-2½ One side	.....	3.85	17.30
K-2½ Both sides	.....	4.60	20.60
No. 1105			
K-2½ One side	.....	4.30	24.80
K-2½ Both sides	.....	5.20	30.40
No. 1126			
A-42	.40	3.50	10.30
A-42 with 23C Flight Wing	.....	.....	12.95
A-42 with 25A Bucket Wing	.....	.....	13.20
A-53	.65	4.00	11.20
A-53 with 23C Flight Wing	.....	.....	15.25
G-9	.55	3.80	11.15
No. 1126C			
A-42	.40	3.70	11.00
A-42 with 23C Flight Wing	.....	.....	13.65
A-42 with 25A Bucket Wing	.....	.....	13.90
A-53	.65	4.20	11.90
A-53 with 23C Flight Wing	.....	.....	14.55
G-9	.55	4.00	11.85
No. 1164			
D-21½	.....	.....	31.50
No. 1183			
D-21½	.....	3.60	18.10
No. 1184			
D-21½	.....	.....	26.50
No. 1185			
D-21½	.....	.....	26.00
No. 1186			
D-21½	.....	.....	30.50
No. 1187			
D-21½	.....	6.30	27.80

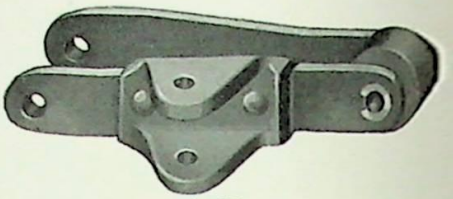
Bold Face Type Indicates Carried in Stock Sizes.

For List Price of Wing Attachments, see page 120.

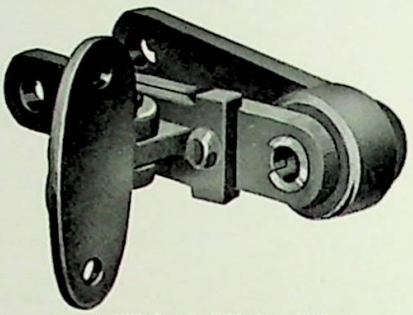
Jeffrey Steel Thimble Roller Chains



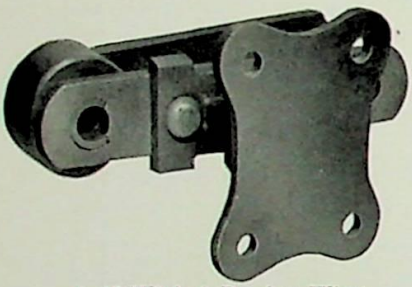
A-42
(Malleable)



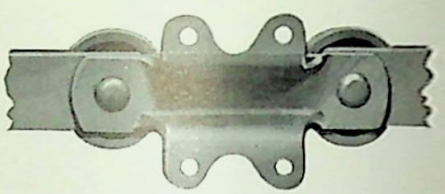
A-53
(Malleable)



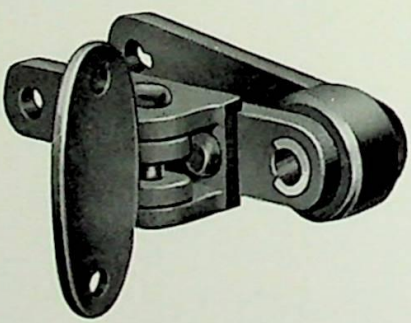
A-42 With C Flight Wing
(Malleable)



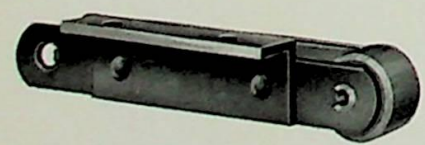
A-42 With A Bucket Wing
(Malleable)



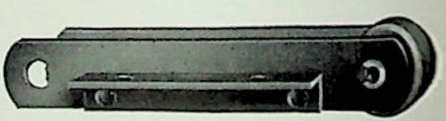
VE-1
(Steel)



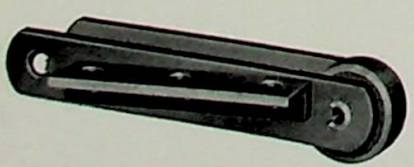
A-53 With C Flight Wing
(Malleable)



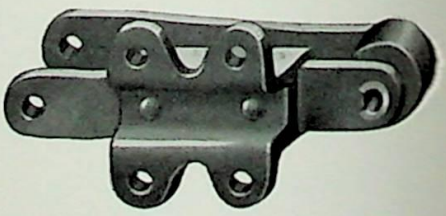
K-2½



D-2½ and D-11
For Double Beaded Aprons



D-11½
For Perfect Discharge Aprons
D-21½
For Continuous Bucket Elevators



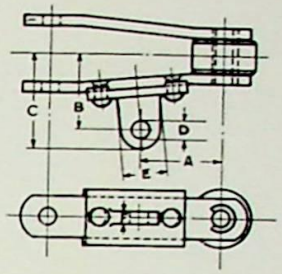
G-9
(Malleable)

Jeffrey Steel Thimble Roller Chains

Dimensions of Attachments

A-42 Attachment (Malleable)

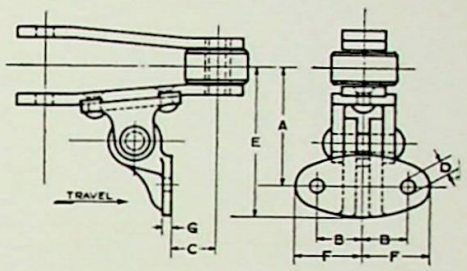
Chain No.	A	B	C	D Diam. of Bolt or Rivet	E	F
1007	3	$2\frac{27}{32}$	$3\frac{5}{8}$	$\frac{5}{8}$	$1\frac{9}{16}$	$\frac{7}{16}$
1126	$2\frac{13}{16}$	$2\frac{11}{16}$	$3\frac{3}{8}$	$\frac{5}{8}$	$1\frac{1}{2}$	$\frac{7}{16}$
1126C	$2\frac{13}{16}$	$2\frac{11}{16}$	$3\frac{3}{8}$	$\frac{5}{8}$	$1\frac{1}{2}$	$\frac{7}{16}$
3007	3	$2\frac{27}{32}$	$3\frac{5}{8}$	$\frac{5}{8}$	$1\frac{9}{16}$	$\frac{7}{16}$



Has Round-Straight Holes for Bolts.

A-42 Attachment (Malleable) With C Flight Wing

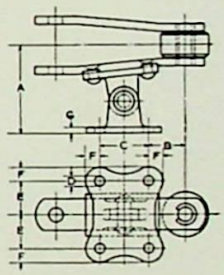
Chain No.	Attachment Used	A	B	C	D Diam. of Bolts	E	F	G
1007	A-42 & 23-C	$4\frac{11}{32}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$\frac{3}{8}$	$5\frac{11}{32}$	$2\frac{5}{16}$	$\frac{1}{4}$
1126	A-42 & 23-C	$4\frac{3}{16}$	$1\frac{3}{4}$	$1\frac{9}{16}$	$\frac{3}{8}$	$5\frac{3}{16}$	$2\frac{5}{16}$	$\frac{1}{4}$
1126C	A-42 & 23-C	$4\frac{3}{16}$	$1\frac{3}{4}$	$1\frac{9}{16}$	$\frac{3}{8}$	$5\frac{3}{16}$	$2\frac{5}{16}$	$\frac{1}{4}$
3007	A-42 & 23-C	$4\frac{11}{32}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$\frac{3}{8}$	$5\frac{11}{32}$	$2\frac{5}{16}$	$\frac{1}{4}$



Has Round-Straight Holes for Bolts.

A-42 Attachment (Malleable) With A Bucket Wing

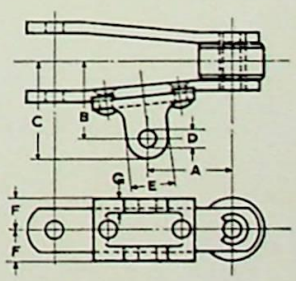
Chain No.	Attachment Used	A	B	C	D Diam. of Bolts	E	F	G
1126	A-42 & 25-A	$3\frac{15}{16}$	$1\frac{11}{16}$	$2\frac{1}{4}$	$\frac{5}{8}$	$1\frac{19}{32}$	$\frac{21}{32}$	$\frac{1}{4}$
1126C	A-42 & 25-A	$3\frac{15}{16}$	$1\frac{11}{16}$	$2\frac{1}{4}$	$\frac{5}{8}$	$1\frac{19}{32}$	$\frac{21}{32}$	$\frac{1}{4}$



Has Round-Straight Holes for Bolts.

A-53 Attachment (Malleable)

Chain No.	A	B	C	D Diam. of Bolt or Rivet	E	F	G
116	$3\frac{1}{4}$	$2\frac{21}{32}$	$3\frac{17}{32}$	$\frac{5}{8}$	2	$1\frac{9}{32}$	$\frac{7}{16}$
$116\frac{1}{2}$	$3\frac{1}{4}$	$2\frac{21}{32}$	$3\frac{17}{32}$	$\frac{5}{8}$	2	$1\frac{9}{32}$	$\frac{7}{16}$
1126	$2\frac{27}{32}$	$2\frac{7}{16}$	$3\frac{1}{4}$	$\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{3}{16}$	$\frac{7}{16}$
1126C	$2\frac{27}{32}$	$2\frac{7}{16}$	$3\frac{1}{4}$	$\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{3}{16}$	$\frac{7}{16}$

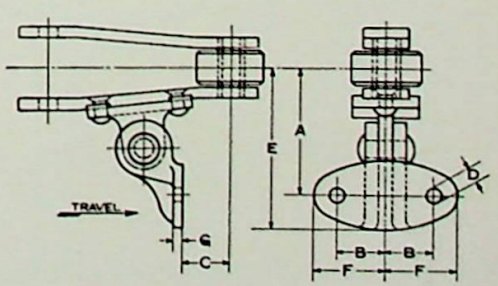


Has Round-Straight Holes for Bolts.

A-53 Attachment (Malleable) With C Flight Wing

Chain No.	Attachment Used	A	B	C	D Diam. of Bolts	E	F	G
116	A-53 & 23-C	$4\frac{5}{32}$	$1\frac{3}{4}$	2	$\frac{3}{8}$	$5\frac{5}{32}$	$2\frac{5}{16}$	$\frac{1}{4}$
$116\frac{1}{2}$	A-53 & 23-C	$4\frac{5}{32}$	$1\frac{3}{4}$	2	$\frac{3}{8}$	$5\frac{5}{32}$	$2\frac{5}{16}$	$\frac{1}{4}$
1126	A-53 & 23-C	$3\frac{15}{16}$	$1\frac{3}{4}$	$1\frac{19}{32}$	$\frac{3}{8}$	$4\frac{15}{16}$	$2\frac{5}{16}$	$\frac{1}{4}$
1126C	A-53 & 23-C	$3\frac{15}{16}$	$1\frac{3}{4}$	$1\frac{19}{32}$	$\frac{3}{8}$	$4\frac{15}{16}$	$2\frac{5}{16}$	$\frac{1}{4}$

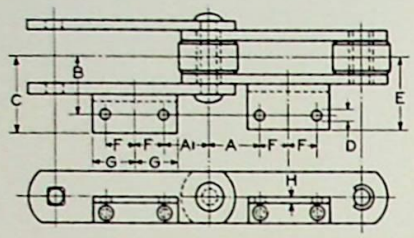
Bold Face Type Indicates Carried in Stock Sizes.



Has Round-Straight Holes for Bolts.

Jeffrey Steel Thimble Roller Chains

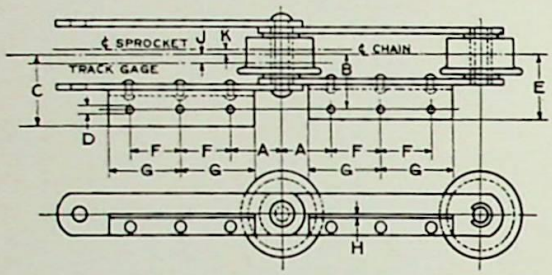
Dimensions of Attachments



Has Round-Straight Holes for Bolts.

D-2½ Attachment (Steel)

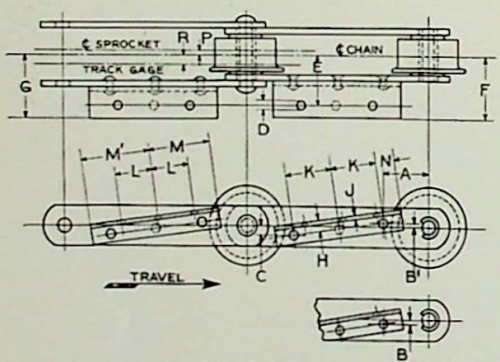
Chain No.	A	A1	B	C	D Diam. of Bolts	E	F	G	H
911	2	1¾	2 3/16	2⅞	⅜	2¾	2⅝	3⅛	¼
951	2	1¾	2 3/16	2⅞	⅜	2¾	1⅛	1⅝	¼



Has Round-Straight Holes for Bolts.

D-11 Attachment (Steel)

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J	K
180	3	3⅛	4	½	3⅝	3	4¼	¼	7/16	15/64
182	3 5/16	3⅜	4⅛	½	4	5 11/16	7¼	¼	½	¼
182½	3 5/16	3⅜	4¼	½	4¼	5 11/16	7¼	¼	½	¼
276	3	2¾	3 11/16	½	3⅞	3	4¼	¼	¼	¼



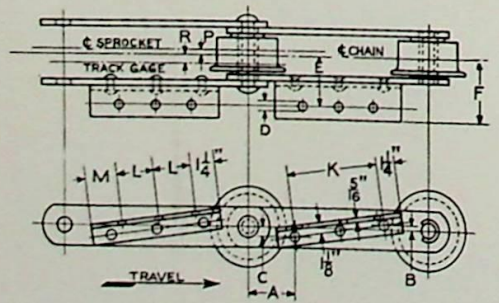
Can be furnished either right or left hand.
Right hand shown.
Has Round-Straight Holes for Bolts.

D-11½ Attachment (Steel)

Chain No.	A	B	B1	C	D Diam. of Bolts	E	F
180	3	....	3/16	9/16	½	3⅛	4⅛
182	3⅜	....	9/32	19/32	½	3⅜	4⅛
182½	3⅜	....	9/32	19/32	½	3⅜	4¼
276	2 13/16	....	7/32	9/16	½	2¾	3 19/32
809	2 9/16	1/16	....	¾	½	2¾	3¾
982	2 9/16	1/16	....	¾	½	3	4

Chain No.	G	H	J	K	L	M	M1	N	P	R	* No. of Holes
180	4	¾	¼	3	2⅜	4¼	4¼	1¼	15/64	7/16	3
182	4	¾	¼	5½	5⅜	6 15/16	6⅜	1	¼	½	3
182½	4¼	¾	¼	5½	5⅜	6 15/16	6⅜	1	¼	½	3
276	3 21/32	¾	¼	3⅛	2⅜	3¾	3¾	5/8	¼	¼	3
809	3½	¾	¼	2	1½	2 9/16	2 9/16	9/16	¼	3/8	2†
982	3⅞	¾	¼	2	1½	2 9/16	2 9/16	9/16	¼	½	2†

* Number of Holes in each leg of angle.
† Center hole omitted.



Can be furnished either right or left hand.
Right hand shown.
Has Round-Straight Holes for Bolts.

D-21½ Attachment (Steel)

Chain No.	A	B	C	D Diam. of Bolts	E	F	K	L	M	P	R	No. of Holes
182½	5⅞	1/16	5/8	5/8	3¾	4¾	8	4	1¼	¼	½	3
1076½	6½	1	5/8	¾	4 5/8	5⅞	18 7/16	5½	3	0	9/32	4
1164	6 13/16	9/16	9/16	¾	4 5/8	5¾	12¾	4¼	1¼	5/16	9/16	4
1183	6 13/16	9/16	9/16	¾	4	5¼	12¾	4¼	1¼	¼	½	4
1184	6 13/16	9/16	9/16	¾	4 3/8	5 3/8	12¾	4¼	1¼	5/16	15/32	4
1185	8 7/16	1	7/16	¾	4 3/8	5 5/8	16½	5½	1¼	5/16	15/32	4
1186	8 7/16	1	7/16	¾	4 5/8	5⅞	16½	5½	1¼	5/16	9/16	4
1187	5⅞	1/16	5/8	5/8	4⅛	5⅛	8	4	1¼	5/16	15/32	3

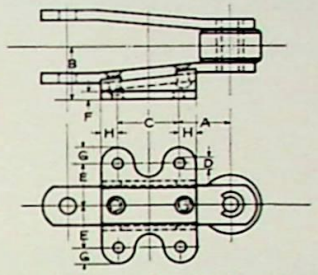
Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Steel Thimble Roller Chains

Dimensions of Attachments

G-9 Attachment (Malleable)

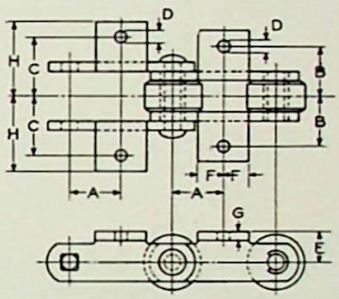
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
116	2 1/16	2 15/32	2 1/4	1/2	1 7/8	5/16	5/8	7/8
116 1/2	2 1/16	2 15/32	2 1/4	1/2	1 7/8	5/16	5/8	7/8
1126	1 7/8	2	2 1/4	3/8	1 19/32	5/16	5/8	5/8
1126C	1 7/8	2	2 1/4	3/8	1 19/32	5/16	5/8	5/8



Has Round-Straight Holes for Bolts.

K-1 Attachment (Steel)

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
149	2	2	2 3/8	1/2	1 1/4	1	3/8	3



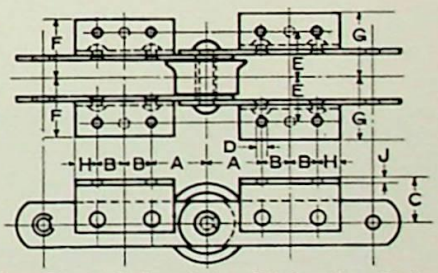
Has Round-Straight Holes for Bolts.

For Dimensions of K-2 Attachment on Nos. 1007 and 3007 Chain, see Page 91.

K-2 1/2 Attachment (Steel)

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J	No. of Holes
* 180	3	3	2 3/4	1/2	3 3/8	4 1/8	4 1/2	1	1/4	4
182	3 1/2	5 1/2	3 1/4	1/2	3 7/8	4 5/8	5	1 1/2	5/16	6
182 1/2	3 1/2	5 1/2	3 1/4	1/2	3 7/8	4 3/4	5 1/4	1 1/2	5/16	6
* 276	3	3	2 3/4	1/2	3 1/32	3 27/32	4 5/32	1	1/4	4
* 809	2 3/4	1 3/4	2 1/4	1/2	2 1/2	3 1/4	3 1/2	1	1/4	4
* 911	2	2 1/2	1 5/16	3/8	2 3/16	3	2 7/8	3/4	1/4	4
* 951	2	1	1 5/16	3/8	2 3/16	3	2 7/8	3/4	1/4	4
* 982	2 3/4	1 3/4	2 1/4	1/2	2 7/8	3 5/8	3 7/8	1	1/4	4
*1095	3	3	2 3/4	1/2	3 3/8	4 1/8	4 1/2	1	1/4	4
1105	3 1/2	5 1/2	3 1/4	1/2	3 7/8	4 3/4	5 1/4	1 1/2	5/16	6

* Center hole omitted.

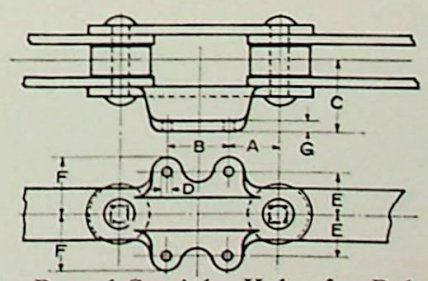


Has Round-Straight Holes for Bolts.

VE-1 Attachment (Steel)

Chain No.	A	B	C	D Diam of Bolts	E	F	G
951	1 27/32	2 5/16	2 3/4	3/8	1 5/8	2 3/16	3/8

Bold Face Type Indicates Carried in Stock Sizes.

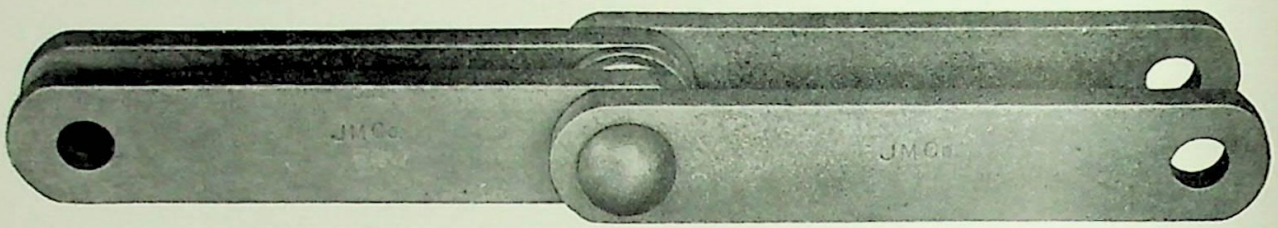


Has Round-Straight Holes for Bolts.

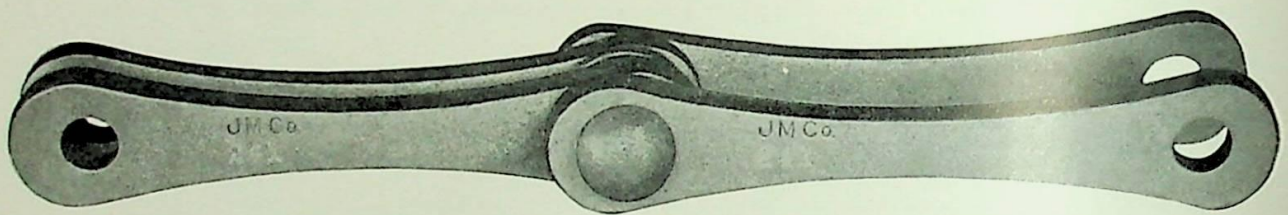
Jeffrey Vulcan Chains

Low Priced Chains of Great Tensile Strength

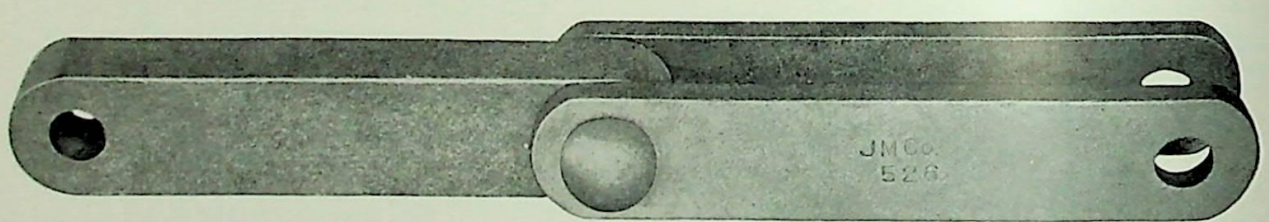
Extensively used in many lines of industry and give excellent satisfaction where the speed is comparatively slow, service intermittent, or of a character which does not involve great wear on the pins.



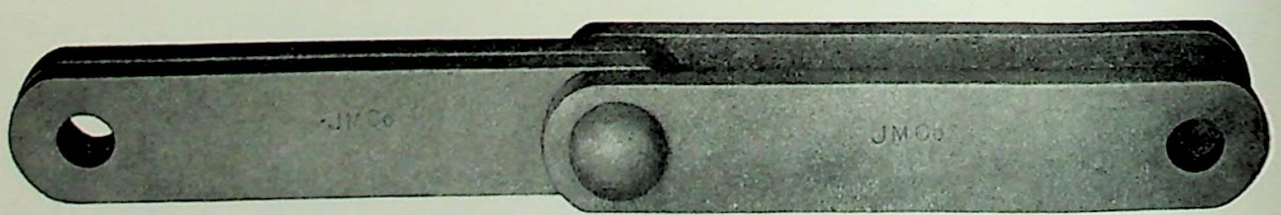
Style A



Style B

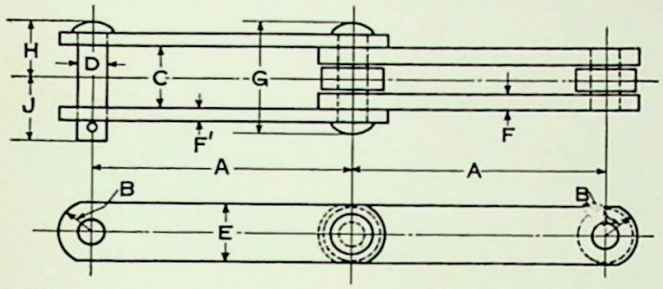


Style C

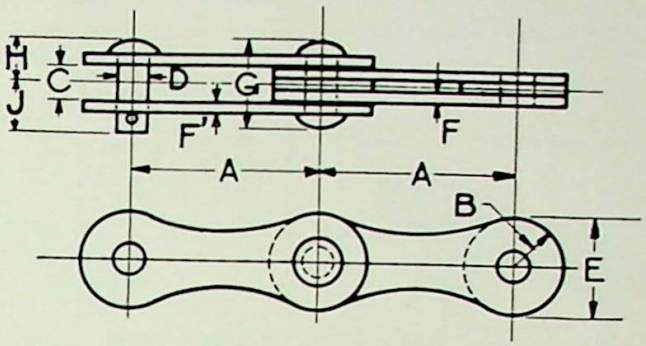


Style D

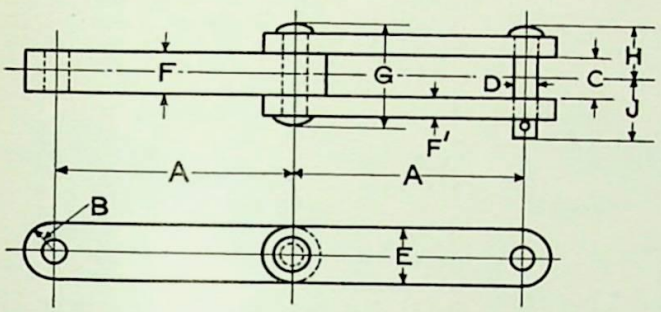
Jeffrey Vulcan Chains



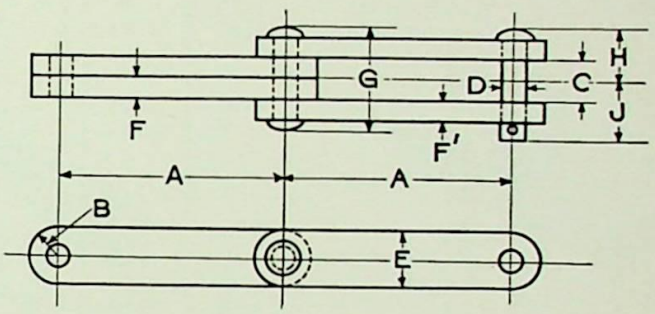
Style A



Style B



Style C



Style D

List Price and Dimensions of Vulcan Steel Chains

Chain No.	Style	List Price Per Foot	A Pitch In.	Average Weight Per Foot Pounds	‡ Working Strength at 150 F. P. M. Pounds	§ Max. Speed in Feet Per Min.	Average Ultimate Strength Pounds	Works on Sprockets Number	B Radius of Side Bar Inches	C Width Inside In.	D Dia. of Pin	Side Bar			G Overall Riveted Inches	Overall Coupled	
												Width	Thickness				
												E In.	F. In.	F-1 In.		H In.	J In.
144	A	$1.10	4	3.00	800	550	19600	144	5/8	3/4	1/2	1 1/4	1/4	1/4	1 11/16	27/32	15/16
***627**	A	5.10	12	20.00	7200	150	113700	627	1 1/2	2 7/8	1 3/8	3	7/8	5/8	5 1/4	2 5/8	2 5/8
*1218	A	8.50	12	25.25	15000	150	123000	1218	1 3/4	3	1 3/4	3 1/2	5/8	5/8	.....	2 27/32	2 27/32
*1068	A	7.50	18	40.00	25000	150	190000	1068	2	3	2	4	7/8	7/8	.....	3 3/8	3 3/8
*1070	A	4.60	18	31.50	15000	150	123000	1070	1 3/4	3	1 3/4	3 1/2	5/8	5/8	.....	2 27/32	2 27/32
329	B	.80	3 9/32	3.5	1000	500	19600	329	11/16	7/8	1/2	1 3/8	5/16	5/16	1 3/4	1	1 1/16
211	B	.73	6	2.80	1170	350	30600	526	3/4	1	5/8	1 1/2	5/16	5/16	2 5/16	1 5/32	1 3/16
241	B	.75	6	3.75	1400	350	30700	526	3/4	1	5/8	1 1/2	3/8	3/8	2 17/32	1 17/64	1 5/16
1132	B	.70	6	5.15	1500	350	24300	526	3/4	7/8	9/16	1 1/2	3/8	3/8	2 1/8	1 1/16	1 1/8
1127	C	2.25	4	5.70	1640	400	30700	527 1/2	3/4	7/8	5/8	1 1/2	7/8	3/8	2 3/16	1 3/32	1 1/4
526	C	1.00	6	5.12	1640	400	30700	526	3/4	7/8	5/8	1 1/2	7/8	3/8	2 3/16	1 3/32	1 1/4
527 1/2	D	1.50	4	7.3	2250	400	42500	527 1/2	3/4	1	3/4	1 1/2	1/2	1/2	2 5/8	1 5/16	1 7/16
287	D	2.50	4	12.70	2600	350	60100	287	1	1	7/8	2	1/2	1/2	2 11/16	1 11/32	1 7/16
313	D	1.70	6	9.12	2625	300	60100	313	1	1	7/8	2	1/2	1/2	2 11/16	1 11/32	1 7/16
313 1/2	D	1.60	6	9.00	2700	350	47000	313	1	1	7/8	2	1/2	3/8	2 5/16	1 5/32	1 5/16
327	D	2.25	6	10.89	4000	300	60100	327	1	1 1/2	7/8	2	3/4	1/2	3 3/16	1 19/32	1 11/16
1219	D	2.75	6	13.6	4000	300	60100	327	1	1 1/2	7/8	2	3/4	3/4	3 3/16	1 27/32	1 11/16
1174	D	3.40	6	18.0	5200	300	95000	1174	1 1/4	1 1/2	1 1/8	2 1/2	3/4	3/4	3 7/8	1 15/16	2
558	D	1.15	8	7.5	2250	400	42000	558	7/8	1	3/4	1 3/4	1/2	3/8	2 3/8	1 3/16	1 5/16
588	D	1.85	8	10.6	3950	250	60100	119	1	1 1/2	7/8	2	3/4	1/2	3 3/16	1 19/32	1 11/16
119	D	2.20	8	12.8	4000	250	60100	119	1	1 1/2	7/8	2	3/4	3/4	3 11/16	1 27/32	1 15/16
1172	D	2.65	8	16.00	4500	200	78500	1172	1 1/4	1 1/2	1	2 1/2	3/4	3/4	3 7/8	1 15/16	2
1171	D	2.90	8	16.00	5200	200	95000	1171	1 1/4	1 1/2	1 1/8	2 1/2	3/4	3/4	3 7/8	1 15/16	2
***623 1/2**	D	2.25	12	13.8	5100	150	77000	623 1/2	1 1/4	1 1/2	1 1/8	2 1/2	3/4	1/2	3 3/8	1 11/16	1 3/4

Bold Face Type Indicates Carried in Stock Sizes to cover all reasonable demands; all others subject to occasional delays.

*Preferred Size for Heavy Haul-up Service.

‡Working Strengths in Table are increased or decreased for speeds other than 150 feet per minute, see page 121.

§Economical Speeds are not over half of Max. Speeds.

For List of Sprockets, see pages 144-145 for Cast Iron and 158-159 for Cast Steel

Jeffrey Vulcan Chains

List Price and Weight of Attachments

Name of Attachment	Kind of Material	Styles A, B and C: List Price Each for Complete Attachment only	Styles A, B and C: List Price for Complete †Attachment when furnished with chain	Average Weight Each Lbs.
No. 211				
H-40	Malleable	$1.10	$0.90	2.4
N	Cast Iron	1.80	2.00	6.0
No. 241				
H-40	Malleable	1.10	.90	2.4
N	Cast Iron	1.80	2.00	6.0
No. 526				
A	Malleable	.80	1.00	1.62
A-42 only	Malleable	.30	.55	.75
A-42 with 25-A Bucket Wing	Malleable	.....	.....	2.20
A-42 with 2-M Wing	Malleable	.....	.....	1.90
D-5	Steel	.60	.75	.....
F-2	Malleable	1.35	1.60	3.50
G-9	Steel	1.35	1.55	1.30
K-2	Steel Per Pair	1.00	.80	6.40
M-3	Steel Per Pair	1.20	1.00	6.00
N	Cast Iron	1.80	2.00	6.00
VE-1	Steel	1.25	1.15	3.75
No. 558				
A-42 only	Malleable	$0.30	$0.60	.75
A-42 with 25-A Bucket Wing	Malleable	.....	.....	2.20
A-42 with 2-M Wing	Malleable.....	.....	.....	1.90
D-5	Steel	.60	.80	.....
F-2	Malleable	1.35	1.70	3.50
K-2	Steel Per Pair	1.50	1.15	6.40
VE-1	Steel	1.40	1.20	3.75
No. 623½				
*H-36	Cast Steel	.....	.....	85.00
No. 627				
*H-36	Cast Steel	.....	.....	79.00
No. 1068				
*H-36	Cast Steel	.....	.....	.....
No. 1070				
*H-36	Cast Steel	.....	.....	.....

* Tilting type of spurs similar to the H-36 can be furnished with many of the Vulcan Chains. Prices on application.

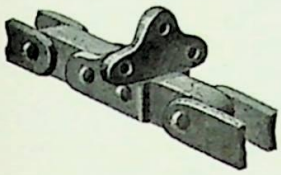
List Price and weight of Log Spur Attachments

Name of Attachment	Kind of Material	List Price Each Attachment Only	†List Price Each Assembled in Chain	Width Outside of Teeth Inches	Height of Teeth Above Chain, In.	Average Weight Each Lbs.
No. 119						
S	Steel Plate	$ 6.50	$ 5.40	3	3	7.5
S-1½	Cast Steel (Pat. 16659)	8.65	7.55	1½	4	12.00
S-3	Cast Steel (Pat. 3293)	12.65	11.55	10	3	18.00
S-3	Mall. Iron (Pat. 3309)	5.50	4.40	10	4	16.00
S-3	Cast Steel (Pat. 20624)	14.80	13.70	12	3½	21.25
No. 313						
S-3	Cast Steel (Pat. 8307)	7.75	7.25	8	3½	10.50
No. 1219						
S	Steel Plate	5.75	4.95	3	3	14.00
S-3	Cast Steel (Pat. 25838)	10.40	9.60	10	4	14.50
S-3	Cast Steel (Pat. 8007-8)	9.25	8.45	6	3	11.00

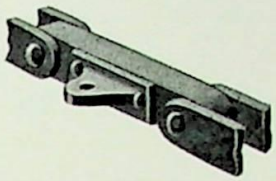
†Price for each attachment assembled in Chain should be added to full amount of plain chain.
S Spurs can be furnished for any of the styles A, C, or D Vulcan Chains.
For List Price of Wing Attachments, see page 120.

Jeffrey Vulcan Chains

Attachments

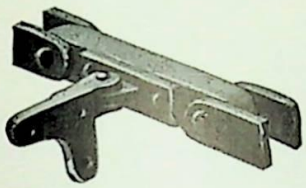


A

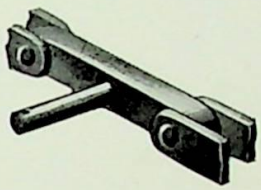


A-42

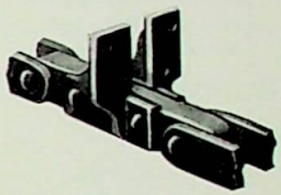
A-42 With A Bucket Wing



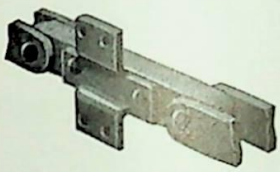
A-42 Wing M Flight Wing



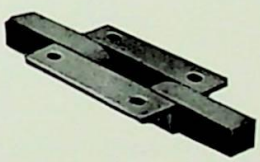
D-5



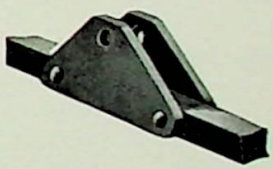
F-2



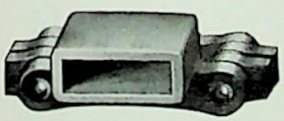
G-9



K-2

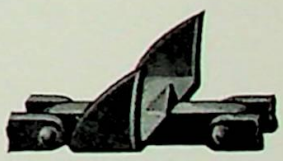


M-3

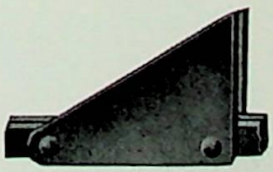


N

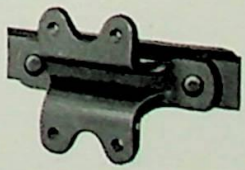
S-1½



S-3



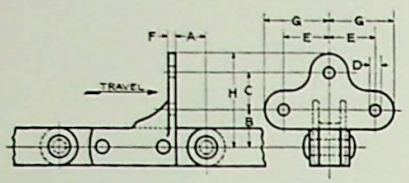
S



VE-1

Jeffrey Vulcan Chains

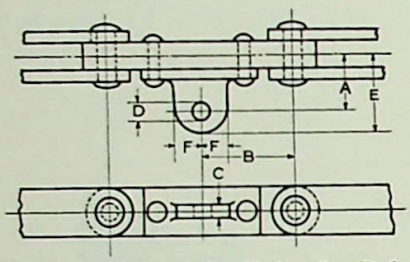
Dimensions of Attachments



Has Round-Straight Holes for Bolts.

A Attachment (Malleable)

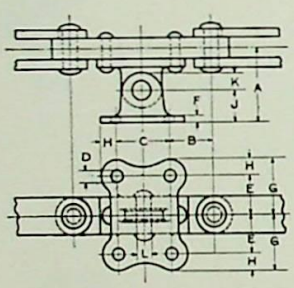
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
526	1¼	1½	1½	⅜	1⅞	¼	2 11/16	3 13/16



Has Round-Straight Holes for Bolts.

A-42 Attachment (Malleable)

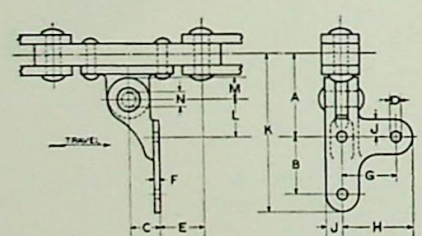
Chain No.	A	B	C	D Diam. of Bolt or Pin	E	F
526	1¾	3	7/16	⅝	2½	⅞
558	1 13/16	4	7/16	⅝	2 9/16	⅞



Has Round-Straight Holes for Bolts.

A-42 Attachment (Malleable) With A Bucket Wing

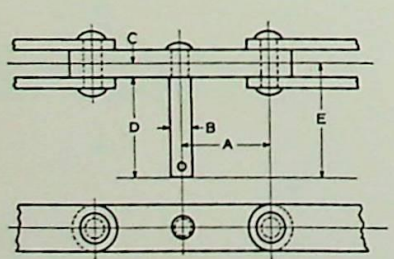
Chain No.	Name of Attachment	A	B	C	D Diam. of Bolts	E	F	G	H	J	K	L Dia. of Rivet
526	A-42 with No. 25-A Bucket Wing	3	1⅞	2¼	⅜	1 19/32	¼	2¼	21/32	1¼	11/16	⅝
558	A-42 with No. 25-A Bucket Wing	3 1/16	2⅞	2¼	⅜	1 19/32	¼	2¼	21/32	1¼	11/16	⅝



Has Round-Straight Holes for Bolts.

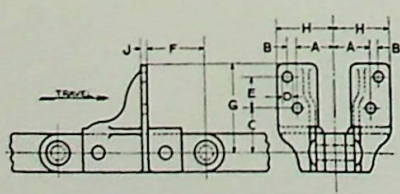
A-42 Attachment (Malleable) With M Flight Wing

Chain No.	Name of Attachment	A	B	C	D Diam. of Bolts	E	F	G	H	J	K	L	M	N
526	A-42 with No. 2-M	3¼	2¼	1¼	⅜	1¾	¼	2¼	2 15/16	11/16	6 9/16	1½	⅞	⅝
558	A-42 with No. 2-M	3 5/16	2¼	1¼	⅜	2¾	¼	2¼	2 15/16	11/16	6¼	1½	⅞	⅝



D-5 Attachment (Steel)

Chain No.	A	B	C	D	E
526	3	To Suit			
558	4				



Has Round-Straight Holes for Bolts.

F-2 Attachment (Malleable)

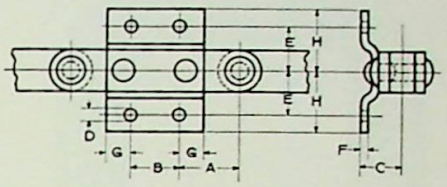
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J
526	1 9/16	⅜	1¾	⅜	1¼	2⅜	3½	2⅜	¼
558	1⅝	⅜	1⅞	⅜	1¼	3⅜	3⅝	2 7/16	¼

Jeffrey Vulcan Chains

Dimensions of Attachments

G-9 Attachment (Steel)

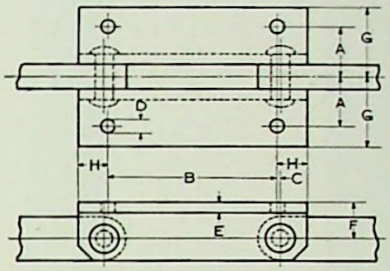
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
526	2 1/8	1 3/4	1 3/8	3/8	1 5/8	1/4	7/8	2 1/4



Has Round-Straight Holes for Bolts.

K-2 Attachment (Angle Iron)

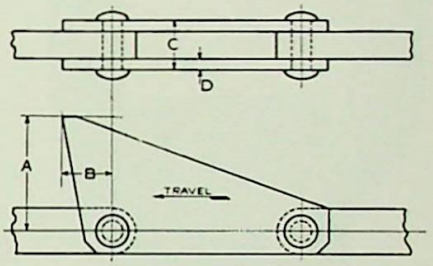
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
526	1 3/4	3 1/2	1 1/4	3/8	3/8	1 1/4	2 7/16	2 1/8
558	1 5/8	6	1	1/2	3/8	1 5/8	2 1/2	1 15/16



Has Round-Straight Holes for Bolts.

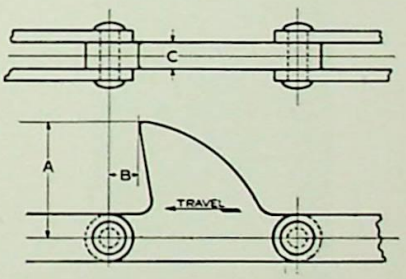
S Attachment (Steel)

Chain No.	A	B	C	D
119	4	1 1/16	3	3/4
1219	4	1 1/16	3	3/4



S-1½ Attachment (Cast Iron)

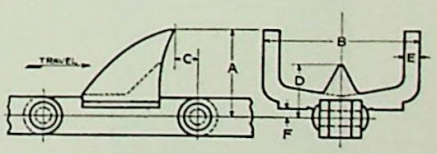
Chain No.	A	B	C	Pattern No.
119	5	1 1/2	1 1/2	16659



S-3 Attachment

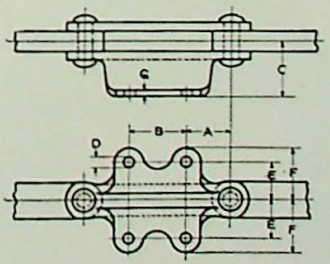
Chain No.	A	B	C	D	E	F	Pattern No.
119	4	10	1 1/4	2 5/8	3/4	7/16	3293
119	5	10	1 1/4	2 5/8	3/4	7/16	3309*
119	4 1/2	12	1 1/4	2 5/8	3/4	3/8	20624
313	4 1/2	8	1/2	2 5/8	3/4	7/16	8307
1219	5	10	1/2	2 5/8	3/4	3/8	25838
1219	4	6	1	.....	3/4	1	8007-8

*All are made of Cast Steel with this one exception it being made of Malleable Iron.



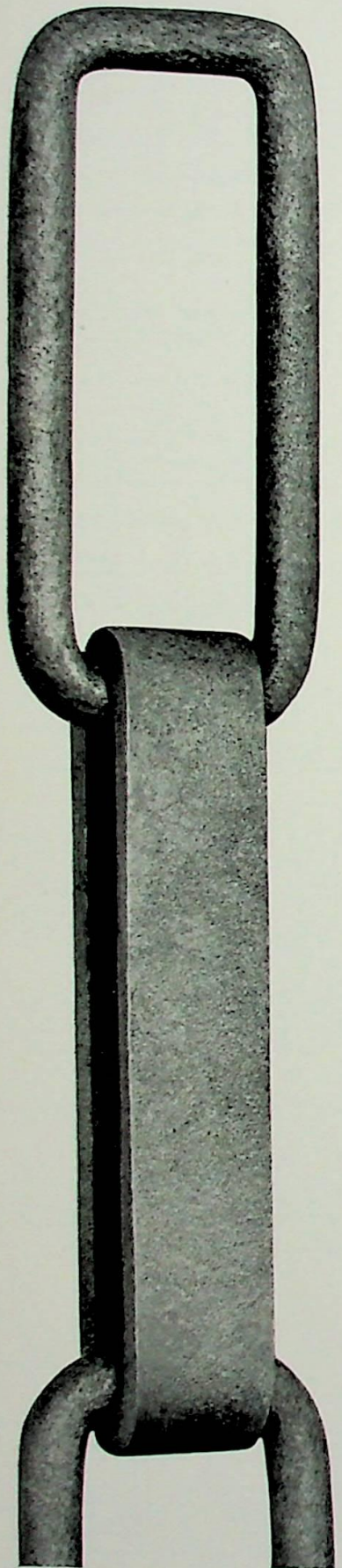
VE-1 Attachment (Steel)

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
526	1 27/32	2 5/16	2 3/8	3/8	1 5/8	2 3/16	3/8
558	2 1/2	3	2 1/2	1/2	1 7/8	2 9/16	3/8



Has Round-Straight Holes for Bolts.

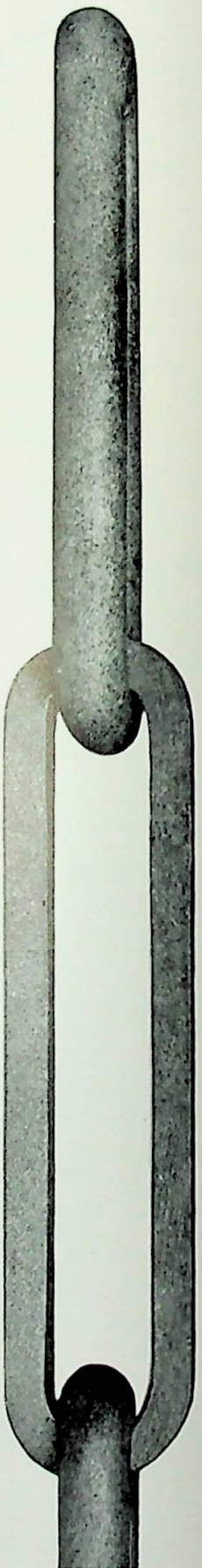
Jeffrey Flat and Round Steel Link Chain



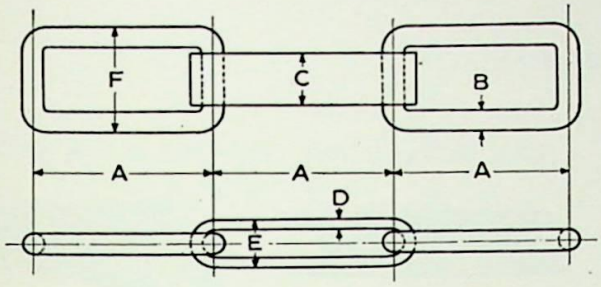
Its Strength, Simplicity, Durability and Low Cost commend it for general elevating and conveying work.

FLAT and Round link chain is an all steel welded chain having the strength of the ordinary welded coil chain with the added advantage of wearing quality, due to the bearing surface of the flat link.

This type of chain is fitted to general elevating and conveying service under non-gritty or semi-gritty conditions, either dry or wet. It is especially adapted to the latter, and to conditions where corrosion has given trouble in the use of riveted chains.



Jeffrey Flat and Round Steel Link Chains



List Price and Dimensions of Plain Chains

Chain No.	List Price per Foot	A Pitch In.	Average Weight per Ft. Lbs.	‡ Working Strength at 150 ft. Per Min. Lbs.	§ Max. Speed in Feet Per Min.	Average Ultimate Strength Lbs.	Works on Sprockets Number	Dimensions—Inches B	C	D	E	F
504½	$1.45	*4 5/16 †3¾	2.40	2475	250	11000	504½	½	1¼	¼	1⅛	2½
506	1.15	6.0	2.10	2475	250	11000	506	½	1¼	¼	1⅛	2½
516	1.35	6.0	3.45	3400	250	17175	516	⅝	1⅜	⅜	1½	3
516½	1.95	*6 5/32 †5⅞	4.66	5225	250	24750	516½	¾	1¾	⅜	1 11/16	3 9/16
518	1.60	8.0	4.49	5225	200	24750	518	¾	1¾	⅜	1⅝	3 9/16
519	1.95	8.0	5.30	5900	200	24750	518	¾	2	⅜	1⅝	3 13/16
520	2.25	8.0	6.82	6900	200	36675	520	⅞	2	½	2	4⅛
520½	2.90	8.0	9.00	9800	175	44000	520½	1	2½	½	2⅛	4⅞
521	2.40	10.0	8.40	9800	150	44000	521	1	2½	½	2⅛	4⅞

‡Working Strengths in Tables are increased or decreased for speeds other than 150 ft. per minute, see page 121.
§Economical Speeds are one half of Maximum Speeds.
On "Order" Sizes List Prices shown do not apply on orders for less than 100 ft. of one size.
*Pitch of Round Link. †Pitch of Flat Link.

For List of Sprockets, see page 145 for Cast Iron and page 159 for Cast Steel.

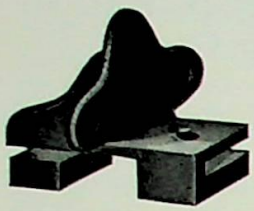
List Prices and Weights of Attachments, Coupling Links and Blocks

Chain No. and Attachment	List Price, Each Loose	List Price, Each †† Assembled in Chains	Average Weight Each Lbs.
No. 504½			
A Malleable	$0.65	$1.00	1.46
G-9 Steel	.60	.95	1.80
Coupling Block only	.20	.....	.37
Coupling Link and Block	1.35	.....	1.20
No. 506			
A Malleable	.65	1.00	1.50
A-42 Malleable	.35	.70	.81
A-42 with No. 22C Flight Wing	.....	.....	1.50
A-42 with No. 11T 1-2 for 1¼" pipe	.....	.....	1.70
G-9 Steel	.60	1.00	1.80
Coupling Block Only	.20	.....	.47
Coupling Link and Block	1.55	.....	1.82
No. 516			
A-Malleable	.95	1.30	2.34
A-42 Malleable	.50	.85	1.34
A-42 with No. 22C Flight Wing	.....	.....	2.00
A-42 with No. 11T 1-2 for 1¼" pipe	.....	.....	2.22
G-9 Steel	.60	1.00	3.23
VE-1 Steel	.70	1.10	3.46
Coupling Block only	.25	.....	.63
Coupling Link and Block	1.75	.....	2.96
No. 516½			
A-1 Malleable	1.75	2.20	4.31
A-42 Malleable	.80	1.25	2.19
A-42 with No. 23C Flight Wing	.....	.....	3.51
A-42 with No. 14T 1-2 for 1½" pipe	.....	.....	3.35
G-9 Steel	.75	1.20	5.21
VE-1 (Steel)	$1.00	$1.45	6.04
Coupling Block Only	.45	.....	1.05
Coupling Link and Block	2.00	.....	3.88
No. 518			
A-1 Malleable	1.75	2.20	4.31
A-42 Malleable	.80	1.25	2.19
A-42 with No. 23C Flight Wing	.....	.....	3.51
A-42 with No. 14T 1-2 for 1½" pipe	.....	.....	3.35
G-9 Steel	.75	1.20	5.21
VE-1	1.00	1.45	6.04
Coupling Block Only	.45	.....	1.05
Coupling Link and Block	2.25	.....	4.53
No. 519			
A-1 Malleable	1.75	2.20	4.35
G-9 Steel	.75	1.20	6.52
No. 520			
A-1 Malleable	2.20	2.80	5.75
G-9 Steel	1.00	1.60	7.33
Coupling Block Only	.70	.....	1.63
Coupling Link and Block	3.25	.....	7.20
No. 520½			
G-9 Steel	1.30	1.90	10.50
S-4	3.80	4.40	10.75
Coupling Block Only	1.20	.....	2.69
Coupling Link and Block	4.50	.....	9.66
No. 521			
G-9 Steel	1.30	1.90	10.50
S-4	3.80	4.40	27.20
Coupling Block Only	1.20	.....	2.69
Coupling Link and Block	4.80	.....	11.10

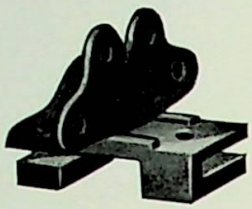
Bold Face Type Indicates Carried in Stock Sizes.
For List Price of Wing Attachments, see page 120.
††Price for each attachment assembled in chain should be added to full amount of plain chain.

Jeffrey Flat and Round Steel Link Chains

Attachments



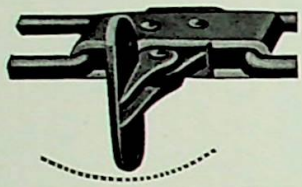
A



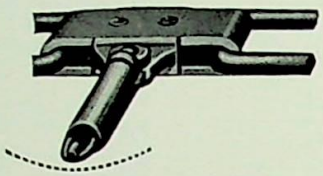
A-1

Coupling Link and Block

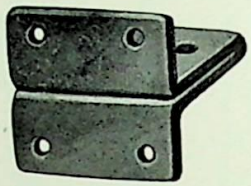
A-42



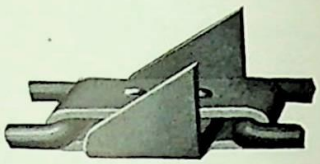
A-42 With C Flight Wing



A-42 With TI-2 Pipe Attachment

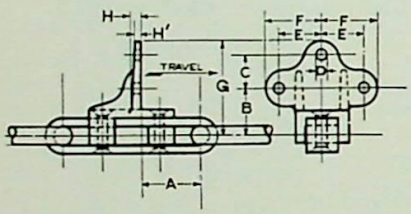


G-9 or VE-1



S-4

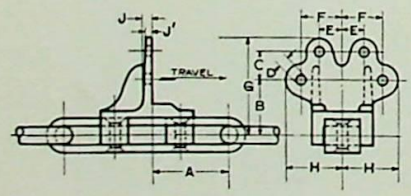
Dimensions of Attachments



Has Round-Straight Holes for Bolts.

A Attachment (Malleable Iron)

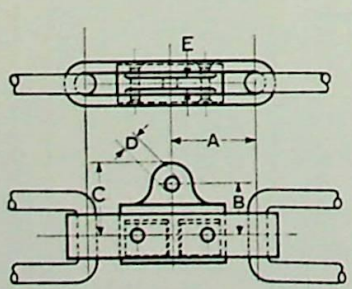
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	H1
504½	1 5/8	1 5/8	1 1/4	3/8	1 5/8	2 1/8	3 7/16	1/4	3/16
506	2 3/4	1 5/8	1 1/4	3/8	1 5/8	2 1/8	3 7/16	1/4	3/16
516	2 5/8	1 15/16	1 9/16	3/8	1 7/8	2 7/16	4	3/8	1/4



Has Round-Straight Holes for Bolts.

A-1 Attachment (Malleable Iron)

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J	J1
516½	2 11/16	2 5/8	1 5/16	3/8	1 3/32	2	4 9/16	2 3/4	13/32	5/16
518	3 3/4	2 5/8	1 5/16	3/8	1 3/32	2	4 9/16	2 3/4	13/32	5/16
519	3 3/4	2 5/8	1 5/16	3/8	1 3/32	2	4 9/16	2 3/4	13/32	5/16
520	3 27/32	2 15/16	1 5/16	3/8	1 3/32	2	5 1/16	2 15/16	13/32	5/16



Has Round-Straight Holes for Bolts.

A-42 Attachment (Malleable Iron)

Chain No.	A	B	C	D Diam. of Bolt or Rivet	E
506	3	1 11/16	2 3/8	1/2	5/16
516	3	1 3/4	2 7/16	1/2	3/8
516½	2 15/16	2 1/8	3	5/8	15/32
518	4	2 1/8	3	5/8	15/32

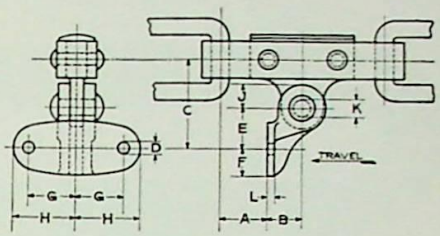
Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Flat and Round Steel Link Chains

Dimensions of Attachments

A-42 Attachment (Malleable Iron)
With C Flight Wing

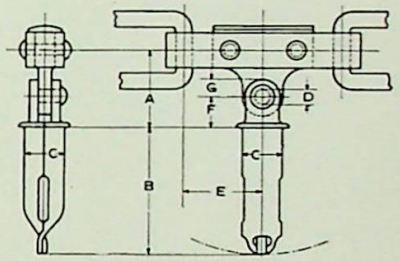
Chain No.	Attachment Used	A	B	C	D Dia. of Bolt or Rivet	E	F	G	H	J	K Dia. of Bolt or Rivet	L
506	A-42 & No. 22-C	2	1	3 3/16	3/8	1 1/2	3/4	1 17/32	2 7/32	5/8	1/2	1/4
516	A-42 & No. 22-C	2	1	3 1/4	3/8	1 1/2	3/4	1 17/32	2 7/32	5/8	1/2	1/4
516½	A-42 & No. 23-C	1 11/16	1 1/4	3 5/8	3/8	1 1/2	1	1 3/4	2 5/16	7/8	5/8	1/4
518	A-42 & No. 23-C	2 3/4	1 1/4	3 5/8	3/8	1 1/2	1	1 3/4	2 5/16	7/8	5/8	1/4



Has Round-Straight Holes for Bolts.

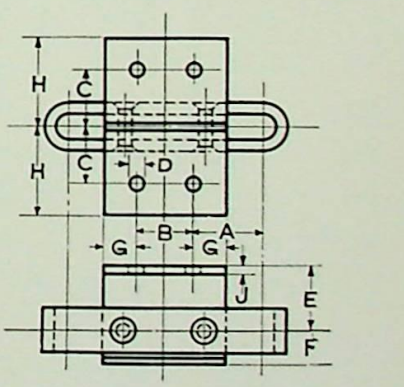
A-42 Attachment (Malleable Iron)
With T1-2 Pipe

Chain No.	Attachment Used	A	B	C	D Diam. of Bolt or Rivet	E	F	G
506	A-42 & No. 11T-1-2	2 9/16	4 11/16	1 1/4	15/32	3	7/8	21/32
516	A-42 & No. 11T-1-2	2 5/8	4 11/16	1 1/4	15/32	3	7/8	21/32
516½	A-42 & No. 14T-1-2	3 5/16	4 13/16	1 1/2	9/16	2 15/16	1 3/16	21/32
518	A-42 & No. 14T-1-2	3 5/16	4 13/16	1 1/2	9/16	4	1 3/16	21/32



G-9 and VE-1 Attachment (Steel Angle)

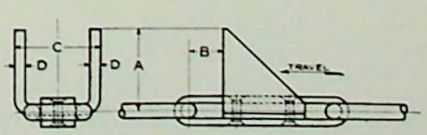
Chain No.	Name of Attach-ment	A	B	C	D Diam. of Bolts	E	F	G	H	J
504½	G-9	1 1/4	1 1/4	1	3/8	1 1/2	1	15/16	1 9/16	1/4
506	G-9	2 3/8	1 1/4	1	3/8	1 1/2	1	15/16	1 9/16	1/4
516	G-9	2 1/8	1 3/4	1 5/8	3/8	2	1	1	2 5/8	1/4
516	VE-1	1 27/32	2 5/16	1 5/8	3/8	2 3/8	1 1/8	23/32	2 5/8	1/4
516½	G-9	1 7/8	2 1/8	1 13/16	3/8	2 1/4	1 1/4	1 3/16	2 5/8	5/16
518	G-9	2 15/16	2 1/8	1 13/16	3/8	2 1/4	1 1/4	1 3/16	2 5/8	5/16
518	VE-1	2 1/2	3	1 7/8	1/2	2 1/2	1 1/2	3/4	3 1/8	5/16
520	G-9	2 3/4	2 1/2	2	1/2	2 1/2	1 1/2	1 1/4	3 3/16	5/16
520½	G-9	2 1/2	3	2 1/4	5/8	3	1 3/4	1 5/16	3 3/16	3/8
521	G-9	3 1/2	3	2 1/4	5/8	3	1 3/4	1 5/16	3 3/16	3/8



Has Round-Straight Holes for Bolts.

S-4 Attachment (Steel Plate)

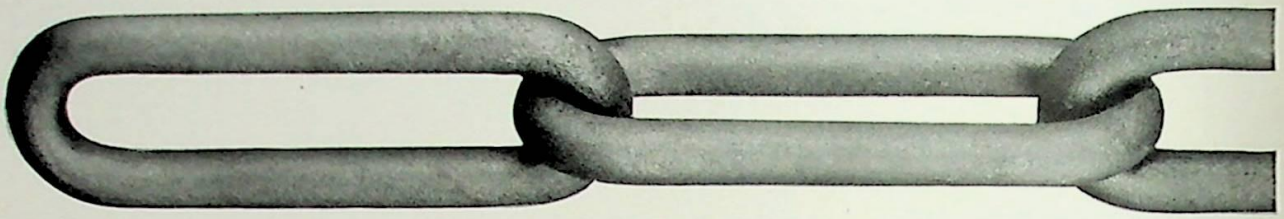
Chain No.	A	B	C	D
520½	5 3/8	1 3/16	5 1/4	5/8
521	5 13/16	2 3/16	6	3/4

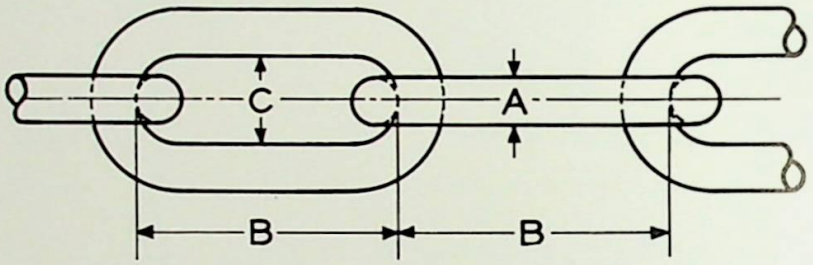


Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Long Link Coil Chains

Used Extensively for Conveyors and Elevators in the Timber Industry for Handling Logs, Lumber, Refuse, Etc.





List Price and Dimensions

Chain No.	List Price Per Foot	Average Weight Per Foot Lbs.	‡Working Strength at 150 Feet Per Minute	§Max. Speed in Feet Per Minute	Average Ultimate Strength Lbs.	Works on Sprockets Number	Dimensions—Inches		
							A Diam. Stock	B Length Inside	C Width Inside
530	$0.48	2.0	1390	250	18900	530	½	4	13/16
531	.60	2.5	2200	225	29200	531	5/8	5	1
532	.90	4.0	3375	225	42200	532	¾	6	1⅛
533	1.15	5.25	4820	200	57400	533	⅞	7	1¼
534	1.50	7.0	5120	175	75000	534	1	7	1¾
535	1.95	9.25	6400	175	95000	535	1⅛	8	2
536	2.50	11.75	7800	175	117200	536	1¼	8	2¼
541	1.60	7.5	5120	200	75000	541	1	6	1¾
541½	1.55	7.25	6000	200	75000	541½	1	6	1½
542	1.20	5.5	4820	225	57400	542	⅞	6	1¼
916	1.25	5.75	4000	225	57400	916	⅞	6	1½
919	.70	3.00	1467	225	29200	919	5/8	6	1½
921	.95	4.20	2525	225	42200	921	¾	6	1½

‡Working Strengths are increased or decreased for speeds other than 150 feet per minute, see page 121.

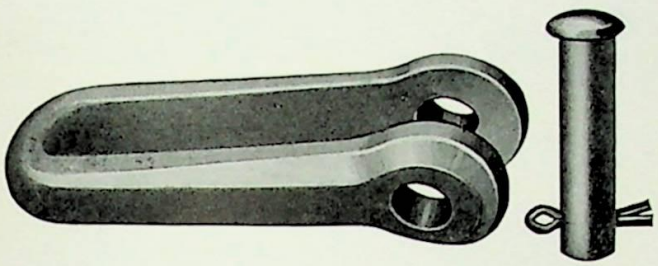
§Economical Speeds are not over 75% of Max. Speeds.

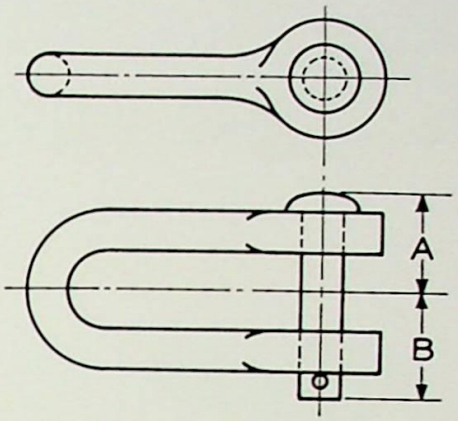
Bold Face Type indicates carried in stock sizes to cover all reasonable demands; all others subject to occasional delays.

For List of Sprockets, see pages 149 to 152.

Jeffrey Long Link Coil Chains

Standard Coupling Link and Pin





List Prices and Dimensions of Malleable Iron Coupling Links with Cottered Pins

Chain No.	List Price Each	Average Weight Each Lbs.	A Inches	B Inches	Chain No.	List Price Each	Average Weight Each Lbs.	A Inches	B Inches
530	$0.75	1.0	1 3/16	1 11/32	533	$2.40	7.0	1 7/8	1 15/16
531	1.30	2.5	1 7/16	1 9/16	534	3.20	9.0	2 5/16	2 5/16
532	1.80	4.3	1 21/32	1 3/4	535	.....	....	2 19/32	2 9/16

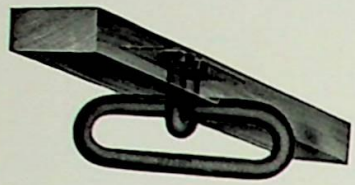
List Price and Weight of Attachments

Chain No.	List Price Each	Average Weight Each Pounds	Chain No.	List Price Each	Average Weight Each Pounds
No. 530			**No. 534**		
K-2 Cast Iron	$ 1.10	2.6	S-1½ Cast Iron (Patt. 17211)	$ 8.00	37.0
K-5 Cast Iron	.65	2.3	S-1½ Cast Steel (Patt. 17211)	22.00	40.0
S-1½ Cast Iron (Patt. 17473)	3.20	9.3	**No. 535**		
S-1½ Cast Steel (Patt. 17473)	7.20	10.0	S-1½ Cast Iron (Patt. 18729)	10.00	46.0
No. 531			S-1½ Cast Steel (Patt. 18729)	27.60	50.0
K-2 Cast Iron	1.20	2.8	**No. 536**		
K-5 Cast Iron	.95	3.2	S-1½ Cast Iron (Patt. 18730)	12.50	59.0
S-1½ Cast Iron (Patt. 18726)	3.60	15.3	S-1½ Cast Steel (Patt. 18730)	29.50	64.0
S-1½ Cast Steel (Patt. 18726)	10.00	16.5	**No. 541**		
No. 532			S-1½ Cast Iron (Patt. 17211)	8.00	37.0
K-2 Cast Iron	1.80	4.5	S-1½ Cast Steel (Patt. 17211)	22.00	40.0
K-5 Cast Iron	1.05	3.7	**No. 542**		
S-1½ Cast Iron (Patt. 18727)	4.80	21.0	K-2 Cast Iron	2.30	7.0
S-1½ Cast Steel (Patt. 18727)	14.00	22.5	K-5 Cast Iron	1.30	4.7
No. 533			S-1½ Cast Iron (Patt. 18728)	6.50	26.5
K-2 Cast Iron	2.50	7.6	S-1½ Cast Steel (Patt. 18728)	17.00	29.0
K-5 Cast Iron	1.35	4.9			
S-1½ Cast Iron (Patt. 18728)	6.50	26.5			
S-1½ Cast Steel (Patt. 18728)	17.00	29.0			

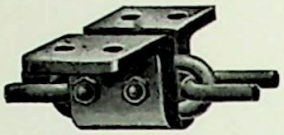
Price for K-2 Attachments is for the two halves with bolts for attaching to chain.
Price for K-5 Attachments is for the Attachment only.
Price for S1½ Attachments includes bolts and Filler Blocks for attaching to chain.

Jeffrey Long Link Coil Chains

Attachments



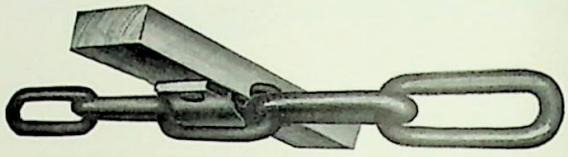
U-Bolt with Plate Washer
(Link is part of Chain)



K-2
(Consists of two castings with bolts for attaching to chain)

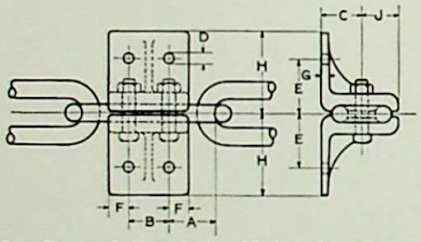
S-1½ Log Spur
(Furnished with filler blocks and bolts)

K-5



The K-5 Attachment is here shown bolted up under wood cross-bar

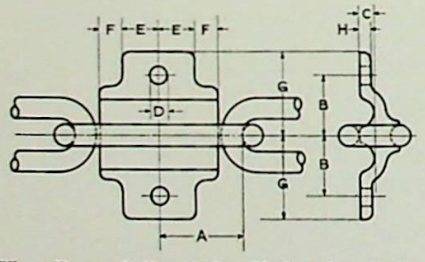
Dimensions of Attachments



Has Round-Straight Holes for Bolts.

K-2 Attachment (Cast Iron)

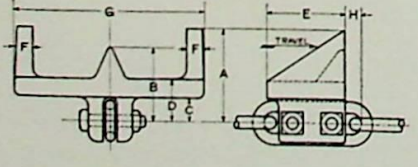
Chain No.	Pattern No.	A	B	C	D Diam. of Bolts	E	F	G	H	J
530	.....	1 5/16	1 3/8	1 3/16	3/8	1 3/4	9/16	1/4	2 7/16	1 3/16
531	4233	1 3/4	1 1/2	1 9/16	5/16	2	3/4	1/4	3	1 7/16
532	3812	2	2	1 27/32	3/8	2 1/4	1	5/16	3	1 3/8
533	.....	2 1/4	2 1/2	2 1/16	1/2	2 5/16	1	3/8	3 1/16	1 1/2
542	.....	1 3/4	2 1/2	2 1/16	1/2	2 5/16	1	3/8	3 1/16	1 1/2



Has Round-Straight Holes for Bolts.

K-5 Attachment (Cast Iron)

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
530	2	2 1/8	13/32	1/2	1	3/8	2 15/16	3/8
531	2 1/2	2 1/8	1/2	5/8	1 5/16	7/16	2 15/16	7/16
532	3	2 1/8	9/16	5/8	1 5/16	13/16	2 15/16	7/16
533	3 1/2	2 5/8	17/32	5/8	1 5/16	1 1/16	3 7/16	7/16
542	3	2 5/8	17/32	5/8	1 5/16	1 1/16	3 7/16	7/16

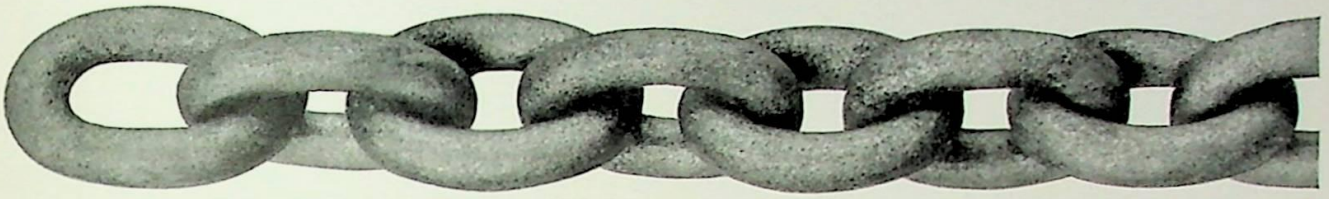


S-1½ Spur Attachment (Cast Iron or Steel)

Chain No.	Pattern No.	A	B	C	D	E	F	G	H
530	17473	3 11/16	2 15/16	15/16	1 11/16	3 1/4	5/8	7 3/4	5/8
531	18726	4 3/8	3 1/2	1 1/8	2 1/8	3 3/4	5/8	8 1/4	1
532	18727	5	4	1 3/8	2 1/2	4 1/8	3/4	9	1 3/8
533	18728	5 1/2	4 1/2	1 1/2	2 3/4	4 1/2	3/4	9 1/2	1 3/4
534	17211	6 1/8	5 1/8	1 7/8	3 1/4	5	3/4	10	1 5/8
535	18729	6 3/4	5 5/8	2 1/8	3 5/8	5 1/2	7/8	10 1/2	2
536	18730	7 1/2	6 1/4	2 3/8	4	5 7/8	1	11 1/4	1 7/8
541	17211	6 1/8	5 1/8	1 7/8	3 1/4	5	3/4	10	1 1/8
542	18728	5 1/2	4 1/2	1 1/2	2 3/4	4 1/2	3/4	9 1/2	1 1/4

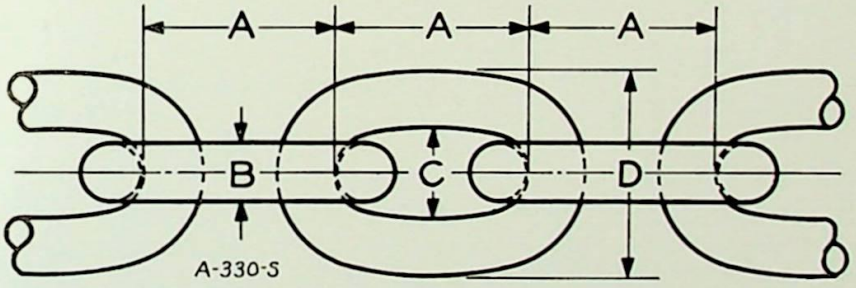
Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Pocket Sheave Cable Chain



736

Jeffrey Pocket Sheave Chain is made by hand and each link is fitted into the pockets of the wheel to insure a perfect fit. The material in this chain is of very high quality and is refined and rerolled. It is tough and sufficiently hardened to prevent rapid wearing. The welding is entrusted to only the most experienced workmen and the chain is carefully inspected both before and after testing.



List Price and Dimensions

Chain No.	List Price per Foot	A Pitch In.	Average Weight Per Ft. Lbs.	‡Working Strength in Lbs. at 150 Ft. Per Min.	§Max. Speed Ft. Per Min.	Average Ultimate Strength Lbs.	B Nominal	C	D
901	$1.95	1.60	2.40	3550	800	14200	½	11/16	1¾
902	3.90	2.03	5.50	9000	800	36000	¾	1 1/16	2⅝
903	2.50	1.65	3.45	6000	800	24000	⅝	13/16	2⅛
904	.50	.83	.53	1000	800	4000	¼	3/8	⅞
910	.95	1.01	.95	1400	800	5600	5/16	7/16	1⅛
911	1.40	1.06	1.40	2225	800	8900	3/8	9/16	1¼

‡Working Strengths are increased or decreased for speeds other than 150 ft. per minute. See page 121.

§Economical Speeds are not over half of Maximum Speeds.

Jeffrey Climax Steel Chains

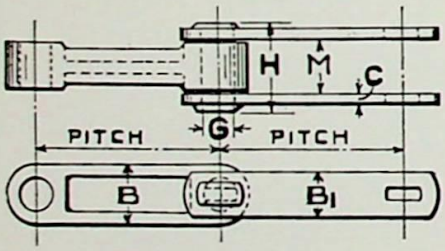
Drop Forged Type

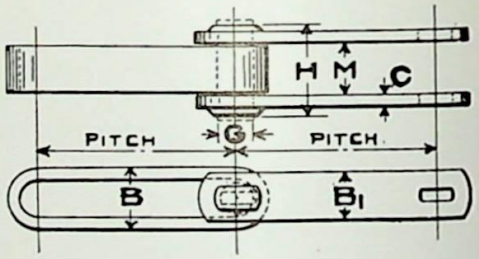
Strap and Bar Type

SERVICE—This chain is economically fitted to Elevator and Scraper Conveyor Service where heavy shocks and gritty or acid conditions are encountered such as carbide, coke, stone, garbage, etc., with preference being given to the Drop Forged Type where much grit comes into actual contact with the chain. This chain is also well fitted to heavy duty haul-up service.

CONSTRUCTION—Made with Drop Forged and also Strap Links alternating with Steel Side Bars into which the ends of milled pins are securely riveted.

These Milled Pins while short in length are extra large in diameter thus giving the greatest per inch wearing surface of pin for the space occupied by the chain.





List Prices and Dimensions

Chain No.	List Price Per Foot		Pitch Inches	Average Wgt. Per Foot, Lbs.		‡ Working Strength at 150 Feet Per Min.	§ Max. Speed Feet Per Min.	Average Ultimate Strength Pounds	Works on Sprockets Number	B		B1	C	G	H	M	Overall Coupled Chain
	Drop Forged Type	Strap Bar Type		Drop Forged Type	Strap Bar Type					Drop Forged Type	Strap Bar Type						
306½	$5.50	$3.00	6	11.00	7.70	6575	300	32000	306½	2⅛	2¼	1¾	⅜	1⅜	3 1/16	1 13/16	3 3/16
356½	4.50	2.50	6	8.40	5.90	4700	400	23500	356½	1⅞	2	1½	5/16	1¼	2 11/16	1 9/16	2 13/16
357½	5.35	3.00	7	13.10	9.20	6575	300	33000	357½	2⅛	2¼	1¾	⅜	1⅜	3 1/16	1 13/16	3 3/16
358½	7.00	3.40	8	14.50	10.20	9000	300	50000	358½	2½	2⅝	2	½	1½	3⅝	2 1/16	3 11/16
362½	6.50	3.20	12	21.00	17.90	13000	200	79000	362½	3	3⅛	2½	⅝	1¾	4 5/16	2 9/16	4 11/16

"Climax" Chain in double strands under very gritty conditions, may have hard iron wearing blocks placed upon cross bars with the blocks sliding upon guides or trough supports, and with the chains overhanging free from direct contact with the material carried.

‡Working Strengths at Speeds greater than 150 feet per minute, but not exceeding Maximum Speeds given, are the following per cent. of tabulated working strength: 200 to 300 feet, 85%; 300 to 400 feet, 75%.

§Economical speeds are not over half of Max. Speeds.

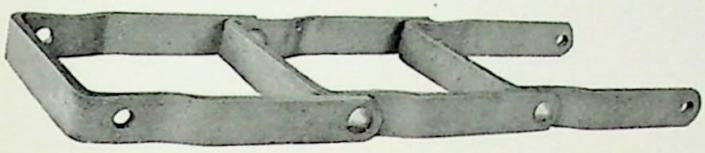
For List of Sprockets, see page 146 for Cast Iron and page 159 for Cast Steel.

Jeffrey Steel Bar Drag Chains

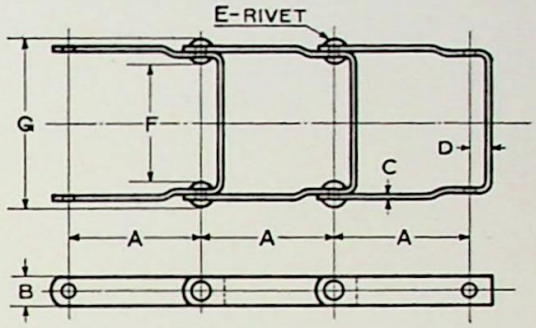
For Handling Saw Dust, Refuse, Shavings, Coal, Broken Stone, Etc.

NOTE—The relative service values of the two styles of Chain favor the Style C.

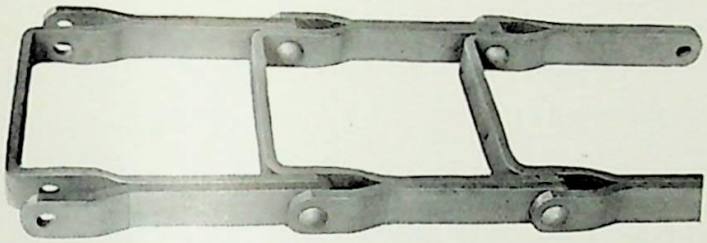
Style A



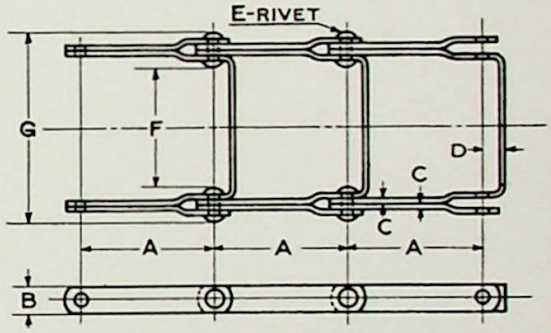
Style A is well fitted to comparatively short Conveyors for the handling of Saw Dust, Shavings, etc.



Style C



Style C is the stronger of the two general styles of Drag Chains and is well adapted to the handling of semi-gritty material such as Broken Stone, Screened Gravel, etc.



List Price and Dimensions

Chain No.	List Price Per Foot	Style	A Pitch In.	Average Weight Per Foot Lbs.	Working Strength at 150 F. P. M. ‡	Max. Speed F.P.M §	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Width of Side Bar In.	C Thickness of Side Bar In.	D In.	E Dia. of Rivet In.	F Width Inside In.	G Overall In.
560	$1.25	A	6	4.2	750	200	19650	560	1¼	¼	1	½	5¼	7¾
560	1.85	C	6	7.0	1500	200	39300	560	1¼	¼	1	½	5¼	8¾
595	1.55	A	6	7.8	1400	200	30650	595	1½	⅜	1⅜	⅝	5 1/16	8 7/16
595	2.40	C	6	12.9	2800	200	61300	595	1½	⅜	1⅜	⅝	5 1/16	9 15/16
566	1.20	A	8	4.3	750	175	19650	566	1½	¼	1½	½	6¼	8¾
566	1.80	C	8	7.5	1500	175	39300	566	1½	¼	1½	½	6¼	9¾
564	1.35	A	8	7.0	1400	150	30650	566	1½	⅜	1⅜	⅝	6 1/16	9 7/16
564	2.00	C	8	12.0	2800	150	61300	566	1½	⅜	1⅜	⅝	6 1/16	10 15/16
570	1.40	A	10	7.1	1400	125	30650	570	1½	⅜	1⅜	⅝	9 3/16	12 11/16
570	2.10	C	10	11.9	2800	125	61300	570	1½	⅜	1⅜	⅝	9 3/16	14 3/16
562	1.60	A	10	9.5	1875	125	30650	562	1½	½	1¾	⅝	9 1/16	12 15/16
562	2.50	C	10	12.6	3750	125	61300	562	1½	½	1¾	⅝	9 1/16	14 15/16
572½	1.60	A	10	9.7	1690	125	44150	572½	2	⅜	1¼	¾	9 3/16	12 13/16
572½	2.50	C	10	15.8	3375	125	88300	572½	2	⅜	1¼	¾	9 3/16	14 3/16
571	2.00	A	10	12.9	2260	125	44000	571	2	½	1¾	¾	7 15/16	12 1/16
571	3.10	C	10	21.3	4520	125	88000	571	2	½	1¾	¾	7 15/16	14 1/16
592	2.40	A	10	16.4	2815	125	44000	592	2	⅝	2⅛	¾	9 3/16	13 13/16
592	3.60	C	10	26.6	5625	125	88000	592	2	⅝	2⅛	¾	9 3/16	16 5/16

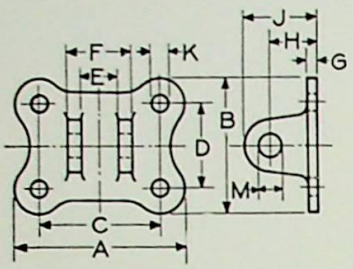
‡Working Strengths in Table are increased or decreased for speeds other than 150 feet per minute, see page 121.

§Economical speeds are not over 100 feet per minute.

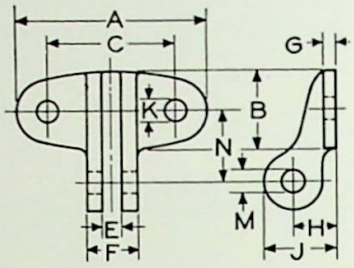
For List of Sprockets, see pages 146-147 for Cast Iron and page 159 for Cast Steel

Jeffrey Swivel Chain Attachments

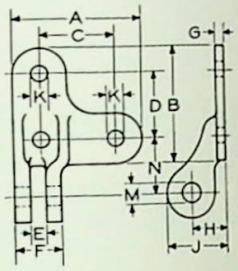
Swivel Bucket and Flight Wings and Pipe Attachments



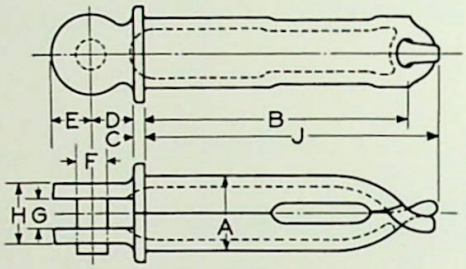
A Bucket Wing



C Flight Wing



M Flight Wing



T Pipe Attachment

List Price and Dimensions

Style A Bucket Wing

No. *	List Price Each †	Av. Wgt. Each Lbs.	Dimensions in Inches												Works with
			A	B	C	D	E	F	G	H	J	K Bolts	M Rivet	N	
7A	$0.75	1.40	5	3 1/4	4	2 1/4	1 7/8	2 7/8	5/16	15/16	1 1/2	3/8	1/2	.....	A-53 on 730
24A	.50	.73	4	2 3/4	3	1 3/4	7/16	1 1/16	1/4	3/4	1 1/4	5/16	7/16	.....	A-43 on 823
25A	.75	1.45	4 1/2	3 9/16	3 3/16	2 1/4	1/2	1 1/4	1/4	1 1/4	1 15/16	3/8	5/8	.....	A-42 on 526, 1126 and 1126C.
26A	.75	1.40	5 3/16	3 5/16	4	2 5/16	1 15/16	2 13/16	5/16	31/32	1 9/16	3/8	1/2	.....	A-53 on 631
								C Flight Wing							
2C	$0.85	2.10	5	2	3 1/2	.....	5/8	1 3/8	5/16	2 5/8	3 5/8	1/2	5/8	1 1/16	A-42 on 1130
6C	.40	.42	3 3/4	1 1/2	2 1/2	.....	3/8	1	3/16	13/16	1 3/8	3/8	3/8	1 3/8	A-42 on 9 1/2, 9 1/2 Sp., 14, 14 1/2, 17, and 18, also A-1 on 78R.
22C	.50	.66	4 7/16	1 1/2	3 1/16	.....	7/16	1 3/16	1/4	1	1 5/8	3/8	1/2	1 1/2	A-42 on 2, 2 Sp., 506 and 516.
23C	.70	1.32	4 5/8	2	3 1/2	.....	1/2	1 3/8	1/4	1 1/4	2 1/8	3/8	5/8	1 1/2	A-42 and A-53 on 3, 3 1/2, 126, 126C, 1126, and 1126C, A-42 on 156, 156C, 516 1/2, 518, 1007 and 3007, A-53 on 116 and 116 1/2.
								M Flight Wing							
1M	$0.55	.80	3 1/8	3 1/8	1 3/4	1 3/4	3/8	1 1/8	1/4	1	1 11/16	3/8	1/2	1 1/2	A-42 on 14 and 14 1/2
2M	.65	1.14	3 5/8	3 5/8	2 1/4	2 1/4	1/2	1 3/8	1/4	1 1/4	2 1/8	3/8	5/8	1 1/2	A-42 and A-53 on 126 and 126C. A-42 on 156, 156C, 526 and 558.
								T Pipe Attachment							
9T1-2	$0.50	.30	1	3 15/32	1/8	11/16	9/16	7/16	3/8	27/32	3 29/32	.....	.....	.....	A-42 on 9 1/2, 9 1/2 Sp., 17 and 18
11T1-2	.55	.88	1 1/4	4 1/16	3/16	11/16	21/32	15/32	3/8	15/16	4 11/16	.....	.....	.....	A-42 on 2, 2 Sp., 14 and 14 1/2, 506 and 516.
13T1-2	.70	1.10	1 1/2	4 1/8	3/16	1	11/16	1/2	7/16	1 1/16	4 13/16	.....	.....	.....	A-42 on 2, 2 Sp., 14, 14 1/2 and 516.
14T1-2	.70	1.16	1 1/2	4 1/16	3/16	1	21/32	9/16	9/16	1 3/16	4 13/16	.....	.....	.....	A-42 on 3, 126, 126C, 156, 156C, 516 1/2 and 518.

*All Sizes listed are Carried in Stock.

†Prices cover loose attachments but no extra charge is made for assembly to chain.

Jeffrey Chains

To Increase or Decrease Working Strength of Any Jeffrey Chains Relative to Speeds

Example—No. 102 Hercules Chain (Page 35) is listed at 2500 lbs. for 150 feet speed per minute. To obtain the working strength at 100 feet speed, multiply the working strength at 150 feet by the 1.05 Multiplier opposite 100 feet per minute in the table below. Thus 1.05 times 2500 lbs. is 2625 lbs. working strength at 100 feet speed per minute. For the same chain running at about its maximum speed of 440 feet per minute, the Working Strength will be .71 (from table) times 2500 lbs. or 1775 lbs.

Speed, Feet per Min.	Multiplier	Speed, Feet per Min.	Multiplier	Speed, Feet per Min.	Multiplier
20	1.13	280	.87	540	.61
40	1.11	300	.85	560	.59
60	1.09	320	.83	580	.57
80	1.07	340	.81	600	.55
100	1.05	360	.79	620	.53
120	1.03	380	.77	640	.51
140	1.01	400	.75	660	.49
160	.99	420	.73	680	.47
180	.97	440	.71	700	.45
200	.95	460	.69	720	.43
220	.93	480	.67	740	.41
240	.91	500	.65	760	.39
260	.89	520	.63	780	.37
				800	.35

Before applying the above Table note the Limitation of Maximum and especially the **Economical Speeds** given in tabulated list of the chain used. Note also the final reduction of Working Strengths when chain is used in very **hard service.**

To obtain a chain for a given Horse Power and Speed. Multiply the number of horse power by 33,000 and divide by the speed in feet per minute. The result will be the working strength of a chain corresponding to that speed.

Substitute Chains which work over Sprockets made for Detachable Chains

Substitute Chains	Detachable Chain Sprockets													
	34	42	45	52	55	57	62	76½	77	88	103	108	114	124
Detachable		042	35 45 Keeper 47		55 Keeper	67	62½ 72½	075		75 78				
Mey Oborn		42		52	55		62		77½	88	103			
Hercules										188	131	111	214	
Reliance										74 78	82			
Pintle	34H			1152	1155		1162				4103			
Atlas												710		
Malleable Roller							62							
Steel Thimble Roller									1094	433½	SS40 120		301	SS124

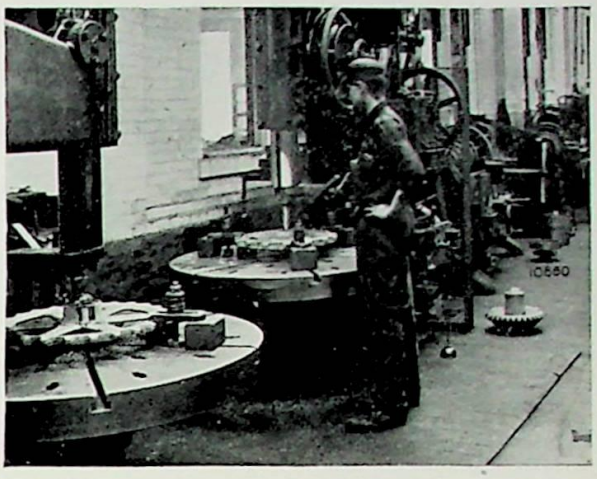
Jeffrey Chains

List of Jeffrey Chains which work over the same Sprockets

Pitch of Chain Inches	Chain No. Sprocket Listed Under	Detachable	Meyoborn	Hercules	Reliance	Pintle	Atlas	Mall. Roller	Steel Thimble Roller	Vulcan	Flat and Round	Steel Drag
1.375	42 Det	042	42									
1.398	34 Det					34H						
1.506	52 Det		52			1152			1192			
1.630	45 Det	35 45 Keeper 47										
1.631	55 Det	55 Keeper	55			1155						
1.654	62 Det	62½ 72½	62			1162		62	1193			
2.073	76½ Det	075										
2.297			77½						1094			
2.308	57 Det	67										
2.308	60 Rel.				60H							
2.56	17 S T R								SS 520			
2.609	88 Det	75 78	88	188	74 78				433½			
2.98	1 M R								27 Sp			
2.98	1½ M. R.					1090						
2.98	9½ M. R.							9½ Sp				
3.075	103 Det		103	131	82	4103			SS 40 120			
3.250	114 Det			214					301			
3.507	1114 STR								234 1234			
3.96	102-B Her			102								
4.00	527½ Vul.									1127		
4.063	124 Det								SS 124			
4.72	108 Det						710					
6.00	126 M. R.							156	1126			
6.00	126C M R							156C	116½ 951 1126C			
6.00	1007 STR								3007			
6.00	313 Vul.									313½		
6.00	327 Vul.									1219		
6.00	526 Vul.									211 241 1132		
8.00	119 Vul.									588		
8.00	518 F&R										519	
8.00	566 Drag											564
9.00	809 STR								982 1199			
12.00	180 STR								276 1078 1095 1107 1233			
18.00	182 STR								182½ 1105 1844			
18.00	1018 STR								1168			
18.00	1087 STR								1244			
18.00	1092 STR								1187–1197 1855–1866			
24.00	987 STR								1093–1164 1169–1170 1184–1198 2455–2466			
30.00	1072 STR								1150 1175			
30.00	1076 STR								1076½			
30.00	1178 STR								1185 1186			

Jeffrey Sprockets

Section of Foundry showing how Jeffrey Sprocket Wheels are cast.



Machine Room where hubs of Sprockets are bored and faced.

JEFFREY Sprocket Wheels are made in various kinds and sizes to meet every service requirement. The careful attention and inspection employed in their manufacture, as to boring, facing and keyseating, means that all wheels when keyed in place will properly fit their shafts, and will also revolve true and free from wobble.

In ordinary service covering the greater number of cases, a good grade of cast iron has been found satisfactory. However, where the service is severe, especially on small, fast running sprockets, chilling the rim and teeth adds greatly to the wearing qualities.

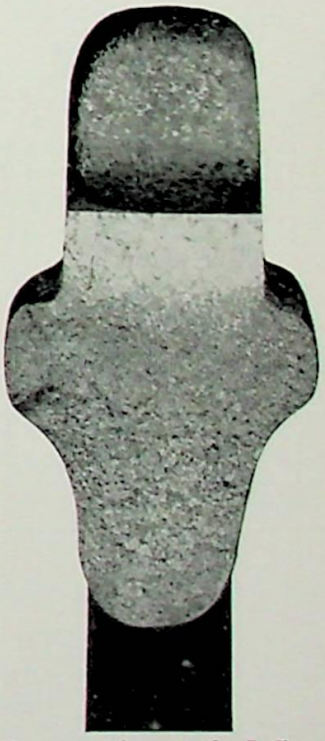
In cases where not only wear but heavy shock in driving is encountered, it is common practice to cast the sprockets in steel, thereby retaining the high wearing quality while more than doubling the strength.

"Chilled Rim" Sprocket Wheels

Unless otherwise ordered, Jeffrey Sprocket Wheels are made of high-grade refined Cast Iron. Sprockets which can be furnished with chilled teeth are marked with (*).

The chilling process renders the rim and teeth of the sprockets extremely hard and flint like, to a depth of about 3/8 inch. The wearing surface is left exceptionally smooth.

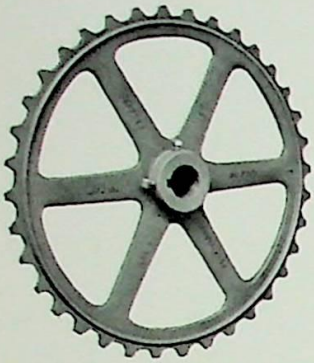
Chilled Rim Sprockets are especially adapted to severe service such as handling materials in Cement Mills; Phosphates, Crushed Stone, Ashes, Sand, Gravel and other abrasive materials.



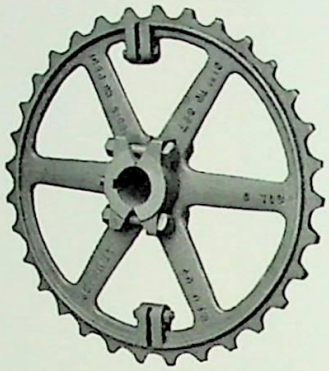
Cross-section of Jeffrey Chilled Rim Sprocket—the whitened surface showing the depth of the Hardened Rim.

Jeffrey Sprocket Wheels

Bored, Keyseated, Set screwed



Solid Sprocket Wheel



Split Sprocket Wheel

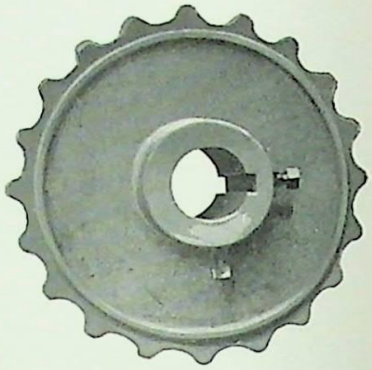


Plate Center Wheel

To Specify Sprockets, we must have

1. Speed and Size of Shafts.
2. Kind and Amount of Power.
3. Distance between Shaft Centers.
4. Clearance about Shafts and Sprockets.

In Ordering Sprockets from Catalog, give—

1. Pitch "Diam. Inches."
2. Number of Teeth.
3. Chain Number and Kind.
4. Pattern Number.
5. Shaft Size.
6. If Hub special, give sketch.
7. Driver, Driven or Perfect.
8. Keyseated or Set Screwed (or both.)
9. Keyway (unless Jeffrey Standard as given below.)

Special Features:

10. Cast Iron furnished when not specified.
11. Plain Cast Iron Teeth furnished unless specified "Chilled".
12. Hub and Rim furnished not split unless specified.

A Driving Sprocket (marked DG on casting) is made to transfer power from the wheel to the chain;—a Driven Sprocket (marked DN on casting) to transfer power from the chain to the wheel,—a Perfect Sprocket (marked Per on casting) can be used either as a Driving or Driven Sprocket.

A Driving Sprocket is ordinarily made **somewhat larger** than an exact fit to the chain, while a Driven Sprocket is made **slightly smaller.**

In the case of both Driving and Driven Sprockets but one tooth at a time takes the chain pull and transfers it to each successive tooth as the wheel rotates—and this tooth is the one just in the act of leaving the chain.

Standard Hubs

Hubs of suitable diameter, as determined by long experience, are furnished to conform to the bore of the wheel.

If for any reason hubs should be specified larger than standard, an extra charge for this will be made, based on additional cost.

Dimensions of Hubs

Bore		15/16	1 3/16	1 7/16	1 11/16	1 15/16	2 3/16	2 7/16	2 11/16	2 15/16	3 7/16	3 15/16	4 7/16
Hub	Diam.	2	2 1/2	3	3 1/2	3 3/4	4	4 1/2	4 3/4	5 1/4	6	6 3/4	7 1/2
	Length	2	2 1/2	3	3 1/2	4	4 1/2	4 3/4	4 3/4	5	5 1/4	6	6 3/4
Diam. Set Screw		3/8	1/2	1/2	5/8	5/8	5/8	5/8	5/8	3/4	3/4	7/8	7/8
Key	Width	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1	1 1/8
	Thickness	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1	1 1/8

Bore		4 11/16	4 15/16	5 3/16	5 7/16	5 15/16	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2
Hub	Diam.	7 3/4	8 1/4	8 1/2	9 1/4	10	10 1/2	11 1/2	12	12 3/4	13 1/4	14 1/2	15
	Length	7 1/4	7 1/2	8	8 1/4	9	9 3/4	10 1/2	11 1/4	12	12 3/4	13 1/2	14 1/4
Diam. Set Screw		7/8	7/8	7/8	7/8	1	1	1	1	1	1	1 1/4	1 1/4
Key	Width	1 1/8	1 1/4	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 3/4	2	2	2 1/4	2 1/4
	Thickness	1 1/8	1 1/4	1 1/4	1 3/8	1 1/2	1 1/2	1 5/8	1 5/8	1 3/4	1 3/4	1 7/8	1 7/8

Jeffrey Sprocket Wheels

Extra Charges on Sprocket and Traction Wheels

WE list below, the extra prices to be added to regular wheel prices when something different from the standard wheel is wanted. These are list prices, subject to discounts.

Split Wheels

The following additions apply only to wheels with bores not exceeding the "Largest Bore at Regular Prices", and hub lengths not exceeding the standard indicated on page 124.

Additions to List Prices for furnishing CAST IRON Wheels Split

Pitch Diam., Inches	Bores of Wheels, in Inches													
	1 3/16"	1 7/16"	1 11/16"	1 15/16"	2 3/16"	2 7/16"	2 11/16"	2 15/16"	3 7/16"	3 15/16"	4 7/16"	4 15/16"	5 7/16"	5 15/16"	6 7/16"
Up to 7 7/8"	$2.60	$2.80	$3.00	$ 3.20	$ 3.40	$ 3.60									
8"-11 7/8"	3.20	3.40	3.60	3.80	4.00	4.20	$ 4.60	$ 5.00	$ 5.80						
12"-17 7/8"	4.00	4.20	4.40	4.60	4.80	5.00	5.40	5.80	6.60	$ 7.40	$ 8.40	$9.60			
18"-23 7/8"	.....	5.00	5.20	5.40	5.60	5.80	6.20	6.60	7.40	8.20	9.20	10.40	$11.80		
24"-29 7/8"	.....	5.80	6.00	6.20	6.40	6.60	7.00	7.40	8.20	9.00	10.00	11.20	12.60	$14.20	$16.00
30"-35 7/8"	.....	6.80	7.00	7.20	7.40	7.60	8.00	8.40	9.20	10.00	11.00	12.20	13.60	15.20	17.00
36"-41 7/8"	.....	7.80	8.00	8.20	8.40	8.60	9.00	9.40	10.20	11.00	12.00	13.20	14.60	16.20	18.00
42"-47 7/8"	.....	.....	.....	9.60	9.80	10.00	10.40	10.80	11.60	12.40	13.40	14.60	16.00	17.60	19.40
48"-53 7/8"	.....	.....	.....	11.40	11.60	11.80	12.20	12.60	13.40	14.20	15.20	16.40	17.80	19.40	21.20
54"-59 7/8"	.....	.....	.....	.....	.....	.....	14.20	14.60	15.40	16.20	17.40	18.80	20.40	22.20	24.20
60"-65 7/8"	.....	.....	.....	.....	.....	.....	.....	16.80	17.60	18.80	20.20	21.80	23.60	25.60	27.80
66"-71 7/8"	.....	.....	.....	.....	.....	.....	.....	19.20	20.20	21.60	23.20	25.00	27.00	29.20	31.60
72"-79 7/8"	.....	.....	.....	.....	.....	.....	.....	21.80	23.00	24.60	26.40	28.40	30.60	33.00	35.60

Additions to List Prices for furnishing CAST STEEL Wheels Split

Pitch Diam., Inches	Bores of Wheels, in Inches													
	1 3/16"	1 7/16"	1 11/16"	1 15/16"	2 3/16"	2 7/16"	2 11/16"	2 15/16"	3 7/16"	3 15/16"	4 7/16"	4 15/16"	5 7/16"	5 15/16"	6 7/16"
Up to 7 7/8"	10.40	11.20	12.00	$12.80	$13.80	$14.80									
8"-11 7/8"	12.80	13.60	14.40	15.20	16.20	17.20	$18.40	$19.80	$21.80						
12"-17 7/8"	16.00	16.80	17.60	18.40	19.40	20.40	21.60	23.00	25.00	$27.60	$30.40	$34.00			
18"-23 7/8"	.....	20.00	20.80	21.60	22.60	23.60	24.80	26.20	28.20	30.80	33.60	37.20	$41.60		
24"-29 7/8"	.....	23.20	24.00	24.80	25.80	26.80	28.00	29.40	31.40	34.00	36.80	40.40	44.80	$50.00	$56.00
30"-35 7/8"	.....	27.20	28.00	28.80	29.80	30.80	32.00	33.40	35.40	38.00	40.80	44.40	48.80	54.00	60.00
36"-41 7/8"	.....	31.20	32.00	32.80	33.80	34.80	36.00	37.40	39.40	42.00	44.80	48.40	52.80	58.00	64.00
42"-47 7/8"	.....	.....	.....	38.40	39.40	40.40	41.60	43.00	45.00	47.60	50.40	54.00	58.40	63.60	69.60
48"-53 7/8"	.....	.....	.....	45.60	46.60	47.60	48.80	50.20	52.20	54.80	57.60	61.20	65.60	70.80	76.80
54"-59 7/8"	.....	.....	.....	.....	.....	.....	56.80	58.20	60.20	62.80	65.60	69.40	74.00	79.40	85.60
60"-65 7/8"	.....	.....	.....	.....	.....	.....	.....	67.00	69.00	71.80	75.00	79.20	84.20	90.00	96.60
66"-71 7/8"	.....	.....	.....	.....	.....	.....	.....	76.60	78.80	82.00	85.60	90.40	96.00	102.40	109.60
72"-79 7/8"	.....	.....	.....	.....	.....	.....	.....	86.80	89.80	93.60	97.80	103.40	109.80	117.00	125.00

Plate Centers

To determine the foundation list price for a plate center wheel, not so listed, add to the list on standard wheel the percentage increase given below. If any other "extras" are required by the specifications they should be added afterwards (so as not to be subject to the percentage increase).

When the calculated list price for plate center is less than $4.00, use the nearest 5 cent figure: for instance, $3.77 would become $3.75. When over $4.00 and not an even 10 cent figure, use next higher 10 cent figure: for instance, $4.53 would become $4.60.

Pitch Diameter, Inches	Percentage Increase	Pitch Diameter, Inches	Percentage Increase	Pitch Diameter, Inches	Percentage Increase	Pitch Diameter, Inches	Percentage Increase
Up to 13 7/8	20%	24-25 7/8	34%	36-37 7/8	54%	48-49 7/8	78%
14-15 7/8	22%	26-27 7/8	37%	38-39 7/8	58%	50-51 7/8	82%
16-17 7/8	24%	28-29 7/8	40%	40-41 7/8	62%	52-53 7/8	86%
18-19 7/8	26%	30-31 7/8	43%	42-43 7/8	66%	54-55 7/8	90%
20-21 7/8	28%	32-33 7/8	46%	44-45 7/8	70%	56-57 7/8	95%
22-23 7/8	31%	34-35 7/8	50%	46-47 7/8	74%	58-60	100%

Jeffrey Sprocket Wheels

Extra Charges on Sprocket and Traction Wheels

Facing Hubs

OUR regular list prices include facing one hub but not to a specified dimension. When hubs are wanted faced to a specified dimension, the following extras will be added to list prices.

Cast Iron Wheels

Facing One Side of Hub to a Specified Dimension

Pitch Diameter, Inches	Bores of Wheels, in Inches						
	15/16"-1 3/16"	1 7/16"-1 11/16" 1 15/16"	2 3/16"-2 7/16" 2 11/16"	2 15/16"-3 7/16" 3 15/16"	4 7/16"-4 15/16"	5 7/16"-5 15/16"	6 7/16"-6 15/16"
Up to 17 7/8"	$0.20	$0.30	$0.40	$0.60	$0.80	$1.00	.....
18"-30 7/8"	.....	.50	.60	.80	1.00	1.20	$2.00
31"-47 7/8"	.....	.70	.80	1.00	1.20	1.40	2.00
48"-57 7/8"	.....	1.00	1.00	1.20	1.40	1.60	2.00
58"-69 7/8"	.....	.....	1.40	1.60	1.80	2.00	2.00
70"-79 7/8"	.....	.....	1.80	2.00	2.20	2.40	2.40
80"-120"	.....	.....	.....	2.40	2.60	2.80	2.80

Facing Both Sides of Hub to Specified Dimensions

Up to 17 7/8"	$0.60	$0.80	$1.00	$1.40	$1.80	$2.20	.....
18"-30 7/8"	1.00	1.40	1.60	2.00	2.40	2.80	$4.00
31"-47 7/8"	.....	2.00	2.20	2.60	3.00	3.40	4.40
48"-57 7/8"	.....	.....	2.80	3.20	3.60	4.00	4.80
58"-69 7/8"	.....	.....	3.40	3.80	4.20	4.60	5.20
70"-79 7/8"	.....	.....	4.00	4.40	4.80	5.20	5.60
80"-120"	.....	.....	.....	5.00	5.40	5.80	6.20

Cast Steel Wheels

Facing One Side of Hub to a Specified Dimension

Up to 17 7/8"	$0.40	$0.60	$0.80	$1.00	$1.40	$1.80	.....
18"-30 7/8"	.....	.80	1.00	1.20	1.60	2.00	$3.00
31"-47 7/8"	.....	1.20	1.40	1.60	2.00	2.40	3.00
48"-57 7/8"	.....	1.60	1.80	2.00	2.40	2.80	3.20
58"-69 7/8"	.....	.....	2.20	2.40	2.80	3.20	3.20
70"-79 7/8"	.....	.....	2.60	2.80	3.20	3.60	3.60
80"-120"	.....	.....	.....	3.20	3.60	4.00	4.00

Facing Both Sides of Hub to Specified Dimensions

Up to 17 7/8"	$1.20	$1.60	$2.00	$2.40	$2.80	$3.20	.....
18"-30 7/8"	.....	2.60	3.00	3.40	3.80	4.20	$5.80
31"-47 7/8"	.....	3.60	4.00	4.40	4.80	5.20	6.60
48"-57 7/8"	.....	.....	5.00	5.40	5.80	6.20	7.40
58"-69 7/8"	.....	.....	6.00	6.40	6.80	7.20	8.20
70"-79 7/8"	.....	.....	7.00	7.40	7.80	8.20	9.00
80"-120"	.....	.....	.....	.....	8.80	9.20	9.80

Jeffrey Sprocket Wheels

Extra Charges on Sprocket and Traction Wheels

Extra Lengths of Hubs

THE following list gives the amount to be added to the list price of the Wheel for each extra inch (or fraction of inch) of hub length wanted, longer than standard indicated.

Largest Bore at Regular Prices, Inches	Extra List Price per Extra Inch of Length		Largest Bore at Regular Prices, Inches	Extra List Price per Extra Inch of Length	
	Cast Iron Wheels	Cast Steel Wheels		Cast Iron Wheels	Cast Steel Wheels
1 5/16	$0.20	$0.60	3 7/16	$1.80	$4.20
1 3/16	.30	.90	3 15/16	2.00	4.60
1 7/16	.40	1.20	4 7/16	2.20	5.00
1 11/16	.50	1.50	4 15/16	2.60	5.60
1 15/16	.60	1.80	5 7/16	3.00	6.20
2 3/16	.80	2.20	5 15/16	3.40	6.80
2 7/16	1.00	2.60	6 7/16	3.80	7.40
2 11/16	1.20	3.00	6 15/16	4.20	8.00
2 15/16	1.40	3.40			

Large Bores

In the following table the first column enumerates the various items of "Largest Bore at Regular Prices", taken from the standard wheel lists. The extra charges for larger bores are based on furnishing hubs of larger diameter, but not greater length than those listed as standard. The larger diameter of hub will conform to our established standard for the sizes of shaft and wheel involved. If a still larger diameter is required, an extra charge will be made, based on the extra cost.

Large Bores for CAST IRON Wheels

When Listed Bore Is	Add to List Price for Larger Bore as Below															
	1 3/16"	1 7/16"	1 11/16"	1 15/16"	2 3/16"	2 7/16"	2 11/16"	2 15/16"	3 7/16"	3 15/16"	4 7/16"	4 15/16"	5 7/16"	5 15/16"	6 7/16"	6 15/16"
1 5/16"	$0.20	$0.60	$1.00	$1.60	$2.20											
1 3/16"	.....	.40	.80	1.40	2.00	$2.60										
1 7/16"	.....	.....	.60	1.20	1.80	2.40	$3.00	$3.60	$5.00	$6.80						
1 11/16"	.....	.....	.....	.60	1.20	2.00	2.60	3.20	4.60	6.40						
1 15/16"	.....	.....	.....	.....	.60	1.40	2.20	2.80	4.20	6.00	$ 8.00	$10.40				
2 3/16"	.....	.....	.....	.....	.....	.80	1.60	2.20	3.60	5.00	7.80	10.20	$13.20			
2 7/16"	.....	.....	.....	.....	.....	.....	.80	1.60	3.00	4.80	7.40	9.80	13.00	$16.60		
2 11/16"	.....	.....	.....	.....	.....	.....	.....	1.00	2.40	4.20	6.80	9.20	12.60	16.40	$20.80	
2 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	1.60	3.40	6.00	8.40	12.00	16.00	20.20	$26.00
3 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.40	5.60	7.40	11.00	15.20	19.20	25.20
3 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.20	6.00	9.60	14.00	17.80	24.00
4 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.20	7.80	12.20	16.00	22.40
4 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.40	9.80	13.80	20.20
5 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.60	11.20	17.40
5 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.00	14.00
6 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.60

Large Bores for CAST STEEL Wheels

When Listed Bore Is	Add to List Price for Larger Bore as Below															
	1 3/16"	1 7/16"	1 11/16"	1 15/16"	2 3/16"	2 7/16"	2 11/16"	2 15/16"	3 7/16"	3 15/16"	4 7/16"	4 15/16"	5 7/16"	5 15/16"	6 7/16"	6 15/16"
1 5/16"	$0.40	$1.20	$2.00	$3.20	$4.40											
1 3/16"	.....	.80	1.60	2.80	4.00	$5.20										
1 7/16"	.....	.....	1.20	2.40	3.60	4.80	$6.00	$7.20	$9.80	$13.00						
1 11/16"	.....	.....	.....	1.20	2.40	4.00	5.20	6.40	9.00	12.40	$15.80					
1 15/16"	.....	.....	.....	.....	1.20	2.80	4.40	5.60	8.20	11.60	15.40	$19.40				
2 3/16"	.....	.....	.....	.....	.....	1.60	3.20	4.40	7.00	10.40	14.80	19.00	$24.20			
2 7/16"	.....	.....	.....	.....	.....	.....	1.60	3.20	5.80	9.20	14.00	18.20	23.80	$30.00		
2 11/16"	.....	.....	.....	.....	.....	.....	.....	2.00	4.60	8.00	12.80	17.00	23.00	29.60	$36.80	
2 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	3.00	6.40	11.20	15.40	21.80	28.80	36.40	$45.40
3 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.60	9.40	13.60	20.00	27.40	35.40	44.80
3 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.20	11.20	17.60	25.40	33.80	43.60
4 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.20	14.60	22.40	31.20	41.00
4 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.40	18.20	26.60	36.40
5 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.40	20.80	30.60
5 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.40	24.40
6 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.20

Jeffrey Sprocket Wheels

Extra Charges on Sprocket and Traction Wheels

Extra Key Seat or Set Screws

NO extra charge is made over regular price of wheel, for furnishing one straight keyseat, with two set screws over it, or one taper keyseat without set screws.

When a wheel is wanted with two keyseats, the extra charge for one extra keyseat will be as follows:

Extra Charge for One Extra Key Seat (Cast Iron Wheels)

Pitch Diameter, Inches	Bores of Wheels, in Inches											
	15/16" 1 3/16"	1 7/16" 1 11/16"	1 15/16" 2 3/16"	2 7/16" 2 15/16"	3 7/16" 3 11/16"	3 15/16"	4 7/16"	4 15/16"	5 7/16"	5 15/16"	6 7/16"	6 15/16"
Up to 29 7/8"	$0.90	$1.00	$1.10	$1.20	$1.60	$2.00	$2.40	$3.00	$3.60	$4.20	$4.60	$5.00
30"-39 7/8"	.....	1.20	1.40	1.60	2.00	2.40	2.80	3.40	4.00	4.60	5.00	5.40
40"-47 7/8"	.....	.....	1.80	2.00	2.40	2.80	3.20	3.80	4.40	5.00	5.40	5.80
48"-59 7/8"	.....	.....	.....	2.60	3.00	3.40	3.80	4.40	5.00	5.60	6.00	6.40
60"-71 7/8"	.....	.....	.....	3.20	3.60	4.00	4.40	5.00	5.60	6.20	6.60	7.00
72"-120"	.....	.....	.....	.....	.....	5.00	5.60	6.20	6.80	7.40	8.00	8.60

Extra Charge for One Extra Key Seat (Cast Steel Wheels)

Up to 29 7/8"	$1.50	$1.60	$1.80	$2.20	$2.60	$3.00	$3.40	$4.00	$4.60	$5.20	$5.80	$6.40
30"-39 7/8"	.....	2.20	2.40	2.80	3.20	3.60	4.00	4.60	5.20	5.80	6.40	7.00
40"-47 7/8"	.....	.....	3.00	3.40	3.80	4.20	4.60	5.20	5.80	6.40	7.00	7.60
48"-59 7/8"	.....	.....	.....	4.20	4.60	5.00	5.40	6.00	6.60	7.20	7.80	8.40
60"-71 7/8"	.....	.....	.....	5.20	5.60	6.00	6.40	7.00	7.60	8.20	8.80	9.40
72"-120"	.....	.....	.....	.....	6.60	7.00	7.60	8.40	9.20	10.00	10.80	11.60

When a wheel is wanted with more than two set screws the extra charge for each extra pair of set screws will be as follows:

Extra Charge for Each Extra Pair of Set-Screws (Cast Iron Wheels)

Pitch Diameter Inches	Bores of Wheels, in Inches							
	15/16"-1 3/16"	1 7/16"-1 11/16"	1 15/16"-2 3/16"	2 7/16"-2 15/16"	3 7/16"-4 7/16"	4 15/16"-5 7/16"	5 15/16"-6 7/16"	6 15/16"
Up to 29 7/8"	$0.60	$1.00	$1.40	$1.80	$2.20	$2.60	$3.00	$3.60
30"-39 7/8"	.....	1.60	2.00	2.40	2.80	3.20	3.60	4.20
40"-47 7/8"	.....	.....	3.80	4.20	4.60	5.00	5.40	6.00
48"-59 7/8"	.....	.....	.....	5.20	5.60	6.00	6.40	7.00
60"-71 7/8"	.....	.....	.....	.....	6.60	7.00	7.40	8.00
72"-120"	.....	.....	.....	.....	7.60	8.00	8.40	9.00

Extra Charge for Each Extra Pair of Set Screws (Cast Steel Wheels)

Up to 29 7/8"	$0.80	$1.20	$1.80	$2.20	$2.60	$3.20	$3.80	$4.60
30"-39 7/8"	.....	2.00	2.60	3.00	3.40	4.00	4.60	5.40
40"-47 7/8"	.....	.....	4.80	5.20	5.60	6.20	6.80	7.60
48"-59 7/8"	.....	.....	.....	6.40	6.80	7.40	8.00	8.80
60"-71 7/8"	.....	.....	.....	.....	8.00	8.60	9.20	10.00
72"-120"	.....	.....	.....	.....	9.40	10.00	10.60	11.40

Extra Charge for Key Seating in Line or in a Definite Location, Cast Iron or Cast Steel Wheels

Up to 3 15/16" bore	$1.00	5 15/16" bore	$2.40
4 7/16" bore up to 30" diameter	1.20	6 7/16" bore	2.60
4 7/16" bore above 30" diameter	2.00	6 15/16" bore	2.60
5 7/16" bore	2.40		

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 25

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
4▲	1¼	S-1200		$ 2.00	½	¼
5▲	1½	S-1201		2.05	⅝	½
6▲	1¾	S-1202	S-1203	2.10	¾	¾
7▲	2P	S-1204	S-1204	2.15	¾	1
8▲	2¼	S-1206	S-1207	2.20	¾	1¼
9▲	2½	S-1208	S-1209	2.25	¾	1½
10▲	3	S-1210	S-1211	2.30	1 3/16	2
11▲	3¼	S-1212	S-1213	2.35	1 3/16	2¼
12▲	3½	S-1214	S-1215	2.40	1 3/16	2½
13▲	3¾	S-3639	S-1216	2.50	1 3/16	2¾
14▲	4	S-1217	S-1218	2.60	1 3/16	3
15▲	4¼P	S-1219	S-1219	2.70	1 3/16	3¼
16▲	4½	S-1220	S-1221	2.80	1 7/16	3¾
17▲	5	S-1222	S-1223	2.90	1 7/16	4
18▲	5¼	S-1224	S-1225	3.00	1 7/16	4¼
20▲	5¾	S-1226	S-1227	3.20	1 7/16	4¾
21▲	6	S-1228	S-1229	3.30	1 7/16	5
22▲	6¼	S-1230	S-1231	3.40	1 7/16	5¼
23▲	6½	S-1232		3.50	1 7/16	5½
24▲	7	S-1233	S-1234	3.60	1 7/16	5¾
25	7¼P	S- 112	S- 112	3.70	1 7/16	6
26	7½	S-1235	S-1236	3.80	1 7/16	6¼
27	7¾	S-1237		3.90	1 7/16	6½
28	8	S-1238	S-1239	4.00	1 7/16	6¾
30▲	8½	S-1240	S-1241	4.20	1 7/16	7¼
35	10	S-1242	S-1243	4.70	1 7/16	8¼
36	10¼	S-1244		4.80	1 7/16	8½
38	11	S-1245		5.00	1 7/16	9
40	11½	S-1246		5.20	1 7/16	9½
41	11¾	S-1247		5.30	1 7/16	9¾
42	12	S-1248	S-1249	5.50	1 7/16	10
43	12¼	S-1250		5.60	1 7/16	10¼
44	12½	S-1251		5.70	1 7/16	10½
45	13	S-1252		5.80	1 7/16	10¾
48	13¾	S-1253	S-1254	6.10	1 7/16	11¼
52	15	S-1255	S-1256	6.60	1 7/16	12½
55	15¾	S-1257		6.90	1 7/16	13
56	16	S-1258	S-1259	7.00	1 7/16	13½
57	16¼	S-1260		7.10	1 7/16	13¾
64	18¼	S-3640	S-3641	8.00	1 7/16	17¾
70	20	S-3646		9.00	1 7/16	21¼
77	22	S-3644	S-3645	10.20	1 7/16	22½
84	25	S-3642	S-3643	11.40	1 7/16	24

No. 32

5▲	2	S-1261		$2.30	⅝	1
6▲	2¼	S-1262	S-1263	2.40	¾	1¼
7▲	2½	S-1264		2.50	¾	1½
8▲	3P	S-3661	S-3661	2.60	1 1/16	2
9▲	3¼	S-3660	S-1268	2.70	1 3/16	2¼
10▲	3¾P	S-1269	S-1269	2.80	1 3/16	2½
11▲	4	S-1270	S-1271	2.90	1 3/16	3
12▲	4½	S-1272	S-3663	3.00	1 7/16	3¾
13▲	4¾P	S-1273	S-1273	3.10	1 7/16	4
14▲	5	S-1274	S-1275	3.20	1 7/16	4¼
15▲	5½	S-1276		3.30	1 7/16	4½
16▲	6	S-1277	S-1278	3.40	1 7/16	5
17▲	6¼	S-1279		3.50	1 7/16	5½
18▲	6½	S-1280		3.60	1 7/16	6¼
19▲	7	S-1281		3.80	1 7/16	6¼
20▲	7¼P	S-1282	S-1282	4.00	1 7/16	6½
22▲	8	S-1283	S-1284	4.20	1 7/16	6¾
23▲	8½	S-1285		4.30	1 7/16	7½
24▲	8¾	S-1287		4.40	1 7/16	7¾
25	9¼P	S-1288	S-1288	4.50	1 7/16	8½
26	9½	S-1289		4.60	1 7/16	9

No. 32 Continued

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
28	10¼	S-3664		$ 5.00	1 7/16	10
30	11	S-1290		5.30	1 7/16	11
32	11¾	S-1291		5.60	1 7/16	12
33	12	S-1292		5.70	1 7/16	12½
34	12½	S-1293		5.90	1 7/16	14
36	13¼	S-1294	S-1295	6.20	1 7/16	15
38	14	S-1296		6.50	1 7/16	16
39	14¼	S-1297	S-1298	6.60	1 7/16	16¼
41	15	S-1299		6.90	1 7/16	16¾
43	15¾	S-1301		7.20	1 7/16	17¼
44	16¼P	S-1302	S-1302	7.40	1 7/16	18
45	16½P	S-1303	S-1303	7.60	1 7/16	19
48	17½	S-1304		8.20	1 7/16	21
49	18	S-1305	S-1306	8.40	1 7/16	21½
55	20¼P	S-3666	S-3666	9.60	1 7/16	26½
59	21½	S-1308		10.40	1 7/16	29
65	23¾	S-3665		11.20	1 7/16	34

No. 33

5▲	2¼	S-1309	S-1310	$ 2.50	¾	2¼
6▲	2¾	S-3672	S-1311	2.60	15/16	2½
7▲	3¼	S-1312	S-1313	2.70	15/16	3
8▲	3½	S-1314		2.80	1 1/16	3½
9▲	4	S-1315	S-1316	2.90	1 3/16	4
10▲	4½	S- 104	S-1317	3.00	1 7/16	4½
11▲	5	S-1318	S-1319	3.10	1 7/16	5
12▲	5¼	S-1320	S-1321	3.30	1 7/16	6
13▲	5¾P	S-1322	S-1322	3.40	1 7/16	6½
14▲	6¼	S-1323	S-1324	3.60	1 7/16	7
15▲	6¾	S-1325	S-1326	3.80	1 7/16	7½
16▲	7¼	S-1327	S-1328	4.00	1 7/16	8
18▲	8	S-1329	S-1330	4.30	1 7/16	9
19	8½	S-1331	S-1332	4.50	1 7/16	9½
22	9¾	S-1333	S-1334	5.00	1 7/16	11
24	10¾	S-1335		5.40	1 7/16	12
26	11½	S-1336		5.80	1 7/16	13
27	12	S-1337	S-1338	6.00	1 7/16	13½
28	12½	S-1339		6.20	1 7/16	14½
32	14¼	S-1340	S-1341	7.00	1 7/16	19
34	15	S-1342	S-1343	7.40	1 7/16	20
36	16	S-1344	S-1345	7.80	1 7/16	28
38	16¾	S-1346		8.20	1 7/16	29
41	18¼	S-1347	S-1348	8.80	1 7/16	30
42	18¾P	S-1349	S-1349	9.00	1 7/16	31
53	23½	S-1350	S-1351	11.80	1 7/16	34
54	24	S-1352	S-1353	12.00	1 7/16	35
67	29¾	S-3667		15.20	1 7/16	37
80	35½	S-3669	S-3668	19.50	1 7/16	51
89	39½	S-3670		22.70	1 7/16	59
90	40	S-3671		23.10	1 7/16	61

No. 34

7▲	3¼	S-1354	S-1355	$ 2.70	15/16	3
9▲	4P	S-1356	S-1356	2.90	1 3/16	4
10▲	4½	S-1357		3.00	1 7/16	4½
12▲	5½	S-3674	S-1358	3.30	1 7/16	6
13▲	5¾	S-1360	S-1361	3.40	1 7/16	6½
14▲	6¼	S-1362		3.60	1 7/16	7
18	8	S-1363	S-1364	4.30	1 7/16	9
22	9¾	S-1365		5.00	1 7/16	11
27	12	S-1366	S-1367	6.00	1 7/16	13½
36	16	S-1368		7.80	1 7/16	28
45	20	S-1369		9.80	1 7/16	32½
54	24	S-1370		12.00	1 7/16	35

No. 35—Use No. 45

▲ Plate Center Wheels; all others have arms.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

Nos. 42 and 042

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
5▲	2¼	S-1371		$ 2.70	15/16	1½
6▲	2¾	S-1372		2.80	15/16	2
7▲	3¼	S-1373	S-1374	2.90	15/16	2½
8▲	3½P	S-1375	S-1375	3.00	1 3/16	3
9▲	4	S-1376	S-1377	3.10	1 3/16	3½
10▲	4½	S-1378	S-1379	3.20	1 7/16	4½
11▲	5	S-1380	S-1381	3.30	1 7/16	5
12▲	5¼	S-1382		3.40	1 15/16	7½
13▲	5¾	S-1383	S-1384	3.60	1 15/16	8
14▲	6¼	S-1385	S-1386	3.80	1 15/16	9½
15▲	6½	S-1387	S-1388	4.00	1 15/16	10
16▲	7	S-1389		4.20	1 15/16	11
17▲	7½	S-1390	S-1391	4.40	1 15/16	12
18▲	8	S- 337	S- 699	4.60	1 15/16	12½
19▲	8¼	S-1392		4.80	1 15/16	12¾
20	8¾	S-1393	S-1394	5.00	1 15/16	13
21	9¼	S- 700		5.20	1 15/16	13¼
22	9¾	S-1395	S-1396	5.40	1 15/16	13½
23	10¼P	S-4842	S-4842	5.60	1 15/16	13¾
24▲	10¼	S- 383	S-1397	5.80	1 15/16	14
25▲	11P	S-1398	S-1398	6.00	1 15/16	14½
26▲	11½P	S-1399	S-1399	6.20	1 15/16	16
27	12	S-1400	S-1401	6.40	1 15/16	17
28	12¼	S-1402		6.60	1 15/16	18
29	12¾P	S-1403	S-1403	6.80	1 15/16	19
30	13¼	S-1404		7.00	1 15/16	20
32	14	S-1405	S- 566	7.40	1 15/16	22
33	14½	S-1406		7.60	1 15/16	23
36	15¾	S-1407	S-1408	8.20	1 15/16	26
40	17½	S-1409		9.10	1 15/16	30
41	18P	S-1410	S-1410	9.40	1 15/16	31
46	20	S-1411	S-1412	10.60	1 15/16	36
50	22	S-1413	S-1414	11.60	1 15/16	40
53	23¼	S-1415		12.30	1 15/16	43
55	24	S-1416		12.80	1 15/16	47
56	24½	S-1417		13.00	1 15/16	50
59	25¾	S-1418	S-1419	13.80	1 15/16	53
68	29¾	S-3694		16.00	1 15/16	65
82	35¾	S-3695		.....		78

Nos. 45, 35, 43, 45 Keeper, 47

4▲	2¼P		S-1420	$ 2.70	15/16	2
5▲	2¾	S-1421	S-1422	2.80	15/16	2½
6▲	3¼	S-1423	S-1424	2.90	1 3/16	3
7▲	3¾	S-1121	S-1425	3.00	1 3/16	3½
8▲	4¼	S-1426	S-1427	3.10	1 3/16	4
9▲	4¾	S-1428	S-1429	3.20	1 3/16	5
10▲	5¼	S- 323		3.50	1 15/16	7
11▲	5¾	S-1430	S-1431	3.70	1 15/16	7½
12▲	6¼	S-3268	S-1433	4.00	1 15/16	9
13▲	6¾	S- 324	S-1434	4.20	1 15/16	10
14▲	7¼	S-1435	S-1436	4.40	1 15/16	11
15▲	7¾	S-1437	S-1438	4.70	1 15/16	12
16▲	8¼	S-1439	S-1440	4.90	1 15/16	13
17▲	9	S-1441	S-1442	5.10	1 15/16	14
18▲	9¼	S-1443	S-1444	5.40	1 15/16	15
19▲	9¾	S-1445	S-1446	5.60	1 15/16	16
20▲	10½	S-1447	S-1448	5.90	1 15/16	17
21▲	11	S-1449	S-1450	6.20	1 15/16	17½
22	11½	S-1451	S-1452	6.50	1 15/16	18
23	12	S- 110	S-1453	6.80	1 15/16	19
24	12½	S- 346	S-1454	7.00	1 15/16	20
25	13	S-1455	S-1456	7.30	1 15/16	21
26	13½P	S-1457	S-1457	7.50	1 15/16	22

Nos. 45, 35, 43, 45 Keeper, 47, Continued.

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
27	14	S-1458	S-1459	$ 7.80	1 15/16	23
28	14½	S-1460	S-1461	8.00	1 15/16	24
29	15	S- 328		8.30	1 15/16	25
30	15½P	S-1463	S-1463	8.50	1 15/16	26
31	16¼	S-1464	S-1465	8.80	1 15/16	27
34	17¾P	S-1466	S-1466	9.50	1 15/16	30
35	18¼P	S-1467	S-1467	9.80	1 15/16	31
36	18¾	S- 345	S-1469	10.10	1 15/16	32
38	19¾P	S-1470	S-1470	10.70	1 15/16	33
39	20¼		S-1471	11.00	1 15/16	34
40	20¾	S- 329		11.30	1 15/16	37
42	21¾	S-1472	S-1473	11.80	1 15/16	40
44	23P	S-1474	S-1474	12.40	1 15/16	43
45	23½	S-1475	S-1476	12.60	1 15/16	46
46	24	S-1477	S-1478	12.90	1 15/16	51
47	24½	S-1479		13.20	1 15/16	55
48	25	S-1480	S-1481	13.50	1 15/16	59
50	26	S-1482		14.00	1 15/16	62
54	28P	S-1484	S-1484	15.40	1 15/16	65
57	29½	S-1485	S-1486	16.40	1 15/16	71
58	30¼P	S-1487	S-1487	16.80	1 15/16	73
60	31	S-1488	S-1489	17.60	1 15/16	77

No. 45 Keeper,—Use No. 45

No. 47—Use No. 45

No. 48

8▲	5¼	S-1490	$ 3.70	1 7/16	6
10▲	6½	S-1491	4.30	1 7/16	8
12▲	7¾	S-1492	4.90	1 7/16	9
18	11¾	S-1493	6.90	1 7/16	13
27	17½	S-1494	10.20	1 7/16	26

No. 50

7▲	3		S-3741	$ 2.90	15/16	2½
8▲	3¾	S-1495	S-1496	3.00	1 3/16	3
9▲	4	S-1497	S-1498	3.10	1 3/16	3½
12▲	5½	S-1499		3.40	1 15/16	7½
14▲	6¼	S-1500	S-1501	3.80	1 15/16	9½
18▲	8	S-1502		4.60	1 15/16	12½
34	9	S-1504		7.80	1 15/16	24
38	16¾	S-1505		8.70	1 15/16	29

No. 51

5▲	2P	S-1506	S-1506	$ 2.50	¾	1½
6▲	2¼	S-1507		2.55	¾	1¾
7▲	2¾	S-1508		2.60	¾	2
8▲	3	S-1509	S-3336	2.70	15/16	2¼
9▲	3½	S-1510		2.80	15/16	2½
10▲	3¾	S- 124	S-1511	2.90	1 3/16	2¾
11▲	4¼P	S- 128	S- 128	3.00	1 3/16	3
12▲	4½P	S-1512	S-1512	3.10	1 7/16	3¼
14▲	5¼	S- 115	S-1513	3.30	1 7/16	4
15▲	5½	S-1514		3.50	1 7/16	4½
16▲	6P	S-1515	S-1515	3.60	1 7/16	5
17▲	6¼	S-1516		3.80	1 7/16	5½
18▲	6¾	S-1517		4.00	1 7/16	6
20▲	7½	S-1518		4.20	1 7/16	7
22	8¼P	S- 354	S- 354	4.60	1 7/16	8
25	9¼	S-1519	S-1520	5.00	1 15/16	10
27	10	S-1521	S-1522	5.40	1 15/16	12
28	10½P	S-1523	S-1523	5.50	1 15/16	12½
29▲	10¾	S-1524		5.60	1 15/16	13
30	11P	S-1525	S-1525	5.80	1 15/16	14
31	11½	S-1526	S-1527	6.00	1 15/16	14½
32	11¾	S-1528		6.20	1 15/16	15
35	13	S-1529		6.70	1 15/16	17
38	14	S-1530		7.10	1 15/16	19

▲ Plate Center Wheels; all others have arms.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 51 (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
40	14¾	S-1531		$ 7.40	1 15/16	21½
43	16P	S- 120	S- 120	8.00	1 15/16	22½
44	16¼P	S-1532	S-1532	8.20	1 15/16	24
45	16½	S-1533		8.40	1 15/16	25
48	17¾P	S-1534	S-1534	9.00	1 15/16	27
50	18½	S-1535		9.40	1 15/16	28
54	20	S-1536	S-1537	10.20	1 15/16	29
60	22	S-1538		11.40	1 15/16	34

No. 52

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
6▲	3P	S-1539	S-1539	$ 2.80	15/16	2½
7▲	3½	S-1540	S-1541	2.90	15/16	3
8▲	4	S-1542	S-1543	3.00	1 3/16	4
9▲	4½	S-3350	S- 786	3.10	1 3/16	5½
10▲	5	S-1544		3.30	1 7/16	6½
11▲	5½	S-1545	S- 336	3.50	1 7/16	7
12▲	5¾	S-1546	S-1547	3.70	1 7/16	7½
13▲	6¼	S-1548	S- 593	4.00	1 7/16	8
14▲	6¾	S-1549	S-1550	4.20	1 7/16	8½
15▲	7¼	S-1551	S-1552	4.40	1 7/16	9
16▲	7¾	S- 441	S- 136	4.70	1 7/16	9½
17▲	8¼	S-1553	S-1554	4.90	1 7/16	10
18▲	8¾	S-1555	S-1556	5.10	1 15/16	11
19▲	9¼	S-1557	S-1558	5.30	1 15/16	12
20	9¾	S- 595	S-3351	5.50	1 15/16	13
21	10¼	S-1559	S-1560	5.80	1 15/16	14
22	10½	S- 439		6.00	1 15/16	15
23	11	S-1561	S-3352	6.30	1 15/16	16
24	11½P	S-1562	S-1562	6.50	1 15/16	17
25	12	S- 952	S- 430	6.80	1 15/16	18
26	12½	S-1563	S-1564	7.00	1 15/16	19
27	13	S-1565	S-1566	7.30	1 15/16	20
28	13½		S-1567	7.50	1 15/16	21
29	14	S- 594	S-1568	7.80	1 15/16	22
30	14½	S- 334	S-1569	8.00	1 15/16	23
31	15	S-1570	S-1571	8.20	1 15/16	24
32	15¼	S-1572		8.40	1 15/16	25
33	15¾	S-1573		8.70	1 15/16	26
34	16½	S-1574	S-1575	8.90	1 15/16	27
37	17¾	S- 681	S-1576	9.60	1 15/16	30
39	18¾	S-1577	S-1578	10.20	1 15/16	32
40	19¼	S-1579		10.50	1 15/16	33
41	19¾	S- 335	S- 338	10.70	1 15/16	34
42	20¼	S- 126	S-1580	11.00	1 15/16	35
43	20½	S-1581		11.20	1 15/16	37
46	22P	S-1582	S-1582	11.80	1 15/16	39
49	23½	S-1583	S-1584	12.60	1 15/16	42
50	24	S-1585	S-1586	12.90	1 15/16	43
51	24½	S-1587		13.20	1 15/16	44
52	25	S-1588		13.50	1 15/16	45
53	25½P	S-1589	S-1589	13.80	1 15/16	47
57	27¼	S-1590	S-1591	14.80	1 15/16	52
62	29¾	S-3354	S-3355	16.30	1 15/16	55
63	30¼	S-3356		16.70	1 15/16	57
64	30¾	S-3357	S-3358	17.00	1 15/16	59
74	35½	S-3359	S-3361	21.50	1 15/16	70
79	37¾	S-3360		24.00	1 15/16	74
82	39¼	S-3362		26.00	1 15/16	77

No. 52½ Heavy

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
7▲	3½	S-1593	S-1592	$ 2.90	15/16	3
8▲	3	S-1595	S-1594	3.00	1 3/16	4
9▲	4½P	S-1596	S-1596	3.10	1 3/16	5½
11▲	5½	S-1598	S-1597	3.50	1 7/16	7
12▲	6	S-1600	S-1599	3.70	1 7/16	7½
13	6½	S-1602	S-1601	4.00	1 7/16	8
15	7½		S-1603	4.40	1 7/16	9

No. 52½ Heavy (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
17	8¼	S-1605	S-1604	$4.90	1 7/16	10
19	9¼	S-1607	S-1606	5.30	1 15/16	12
21	10¼P	S-1608	S-1608	5.80	1 15/16	14
25	12¼P	S-1609	S-1609	6.80	1 15/16	18
26	12¾P	S-1610	S-1610	7.00	1 15/16	19
29	14 P	S-1611	S-1611	7.80	1 15/16	22
42	20¼	S-1612		11.00	1 15/16	35
52	25¼P	S-1613	S-1613	13.50	1 15/16	45

Nos. 55 and 55 Keeper

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
4▲	2¼	S-3265		$ 2.70	15/16	2
5▲	2¾	S-1614	S-1615	2.80	15/16	2½
6▲	3¼	S-1616	S-1617	2.90	1 3/16	3
7▲	3¾	S-1618	S-1619	3.00	1 3/16	3½
8▲	4¼	S-1620	S-1621	3.10	1 3/16	4
9▲	4¾	S-1622	S-1623	3.20	1 3/16	5
10▲	5¼	S-1624	S-1625	3.50	1 15/16	7
11▲	5¾	S-1626	S-1627	3.70	1 15/16	7½
12▲	6¼	S-1628	S-1629	4.00	1 15/16	9
13▲	6¾	S-1630	S-1631	4.20	1 15/16	10
14▲	7½	S-1632	S-1633	4.40	1 15/16	11
15▲	8	S-1634	S-1635	4.70	1 15/16	12
16▲	8½	S-1636	S-1637	4.90	1 15/16	13
17▲	9	S-1638	S-1639	5.10	1 15/16	14
18▲	9½	S-1640	S-1641	5.40	1 15/16	15
19▲	10	S-3269	S-1642	5.60	1 15/16	16
20▲	10½	S-1643	S-3270	5.90	1 15/16	17
21	11	S-3271	S-1644	6.20	1 15/16	17½
22	11½	S-1645	S-3272	6.50	1 15/16	18
23	12	S-3380	S-3377	6.80	1 15/16	19
24	12½	S-1647		7.00	1 15/16	20
25	13 P	S-3273	S-3273	7.30	1 15/16	21
26	13½P	S-1648	S-1648	7.50	1 15/16	22
27	14		S-3274	7.80	1 15/16	23
28	14½	S- 111		8.00	1 15/16	24
29	15	S-3275		8.30	1 15/16	25
30	15¾P	S-1649	S-1649	8.50	1 15/16	26
31	16¼P	S-3276	S-3276	8.80	1 15/16	27
32	16¾P	S-1650	S-1650	9.00	1 15/16	28
34	17¾P	S-1651	S-1651	9.50	1 15/16	30
35	18¼		S-3277	9.80	1 15/16	31
36	18¾	S-1652	S-3278	10.10	1 15/16	32
38	19¾P	S-1653	S-1653	10.60	1 15/16	34
40	20¾P	S-1654	S-1654	11.30	1 15/16	37
42	21¾	S-1655	S-3279	11.80	1 15/16	40
44	23P	S-1656	S-1656	12.40	1 15/16	43
45	23½	S-3287	S-3281	12.60	1 15/16	46
46	24P	S-1657	S-1657	12.90	1 15/16	51
47	24½	S-3282		13.20	1 15/16	55
48	25P	S-1658	S-1658	13.50	1 15/16	59
50	26P	S-1659	S-1659	14.00	1 15/16	62
54	28	S-3283	S-3284	15.40	1 15/16	65
57	29½	S-3285		16.50	1 15/16	70
58	30	S-3286		16.80	1 15/16	73
62	32¼	S-3337		18.40	1 15/16	80
69	36		S-3338	21.80	1 15/16	92
76	39½	S-3339		25.80	1 15/16	108
82	42½	S-3340		29.40	1 15/16	123

Nos. 57* and 67*

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
5▲	4	S-1660		$ 3.20	15/16	5
6▲	4½	S-3299	S- 613	3.50	1 3/16	6
7▲	5½	S- 540	S-1661	3.80	1 3/16	8
8▲	6	S- 768	S-1662	4.20	1 11/16	10
9▲	6¾	S-1663	S-1664	4.60	1 11/16	12
10▲	7½	S-1665	S-1666	5.00	1 15/16	15
11▲	8¼	S-1113	S-1667	5.40	1 15/16	18

▲ Plate Center Wheels; all others have arms.
* Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

Nos. 57* and 67* (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
12▲	9	S- 659	S-1668	$ 5.80	1 15/16	20
13▲	9¾	S-1669	S- 353	6.20	1 15/16	22
14	10½	S-1670	S-1671	6.60	2 7/16	24
15	11	S- 696	S-1672	7.00	2 7/16	26
16	11¾	S-3289	S-1115	7.40	2 7/16	27
17	12½	S- 347	S- 517	7.80	2 7/16	29
18	13¼	S- 953	S- 333	8.20	2 7/16	30
19	14	S-3294	S-1673	8.60	2 7/16	31
20	14¾	S-1674	S-1675	9.00	2 7/16	32
21	15½	S-1676	S-1677	9.40	2 7/16	33
22	16¼	S- 697	S-1678	9.80	2 7/16	35
23	16¾	S-1679		10.20	2 7/16	37
24	17½	S-1128	S-1681	10.60	2 7/16	39
25	18¼	S- 646		11.00	2 7/16	41
26	19P	S-1682	S-1682	11.40	2 7/16	42
27	19¾	S-1683	S-1684	11.80	2 7/16	44
28	20½	S- 581	S-1685	12.20	2 7/16	48
29	21¼	S-1686	S-1687	12.60	2 7/16	50
30	22	S-1688	S- 539	13.00	2 7/16	51
31	22¾		S- 635	13.40	2 7/16	54
32	23½	S- 382	S-1689	13.80	2 7/16	56
33	24¼	S-1690	S- 582	14.40	2 7/16	58
34	25	S-1691		15.00	2 7/16	60
36	26½	S- 789	S-1692	16.20	2 7/16	67
38	27¾	S-1119	S-1693	17.40	2 7/16	72
39	28½	S-1694		18.00	2 7/16	76
40	29¼	S- 501	S- 771	18.60	2 7/16	79
41	30	S- 787	S-1695	19.20	2 7/16	81
43	31½	S-1696	S-1697	20.40	2 7/16	86
44	32¼	S-1698		21.00	2 7/16	89
46	33½	S-1699	S-1700	22.20	2 7/16	94
49	35¾	S- 636	S-1701	24.00	2 7/16	100
52	38¼P	S-3304	S-3304	26.40	2 7/16	108
53	39	S-3305		27.20	2 7/16	111
54	39½	S-1703	S-1704	28.00	2 7/16	114
60	43¾	S-1705		32.00	2 7/16	134
61	44¾	S-3306		33.20	2 7/16	139
65	47¾	S-3308	S-3307	37.80	2 7/16	158

Nos. 62, 62½, 72 and 72½

6▲	3¼	S-1706	S-2672	$ 3.40	1 15/16	4¾
7▲	3¾	S- 413	S-1707	3.60	1 15/16	5
8▲	4¼	S-4020	S-1708	3.80	1 15/16	5½
9▲	4¾	S- 693	S-1709	4.00	1 15/16	6
10▲	5½	S-1710	S-1711	4.20	1 7/16	7
11▲	6	S-1712	S-1713	4.40	1 7/16	8
12▲	6½	S-1130	S-1714	4.70	1 11/16	10
13▲	7	S-1715	S-1716	5.00	1 11/16	11½
14▲	7½P	S-1717	S-1717	5.30	1 15/16	13
15▲	8	S- 758	S- 567	5.60	1 15/16	14
16▲	8½	S-1139	S-2680	5.80	1 15/16	15
17▲	9	S-1718	S-1719	6.10	1 15/16	16
18▲	9½P	S-1720	S-1720	6.30	1 15/16	17
19▲	10	S-1112	S-1721	6.60	1 15/16	18
20	10½	S-1722	S-1723	6.90	2 7/16	20
21	11	S-1724		7.10	2 7/16	21
22	11½	S-1725	S-1726	7.40	2 7/16	22
23	12¼	S- 109	S-1727	7.70	2 7/16	23
24	12¾	S- 406	S- 405	8.00	2 7/16	25
25	13¼	S-1728		8.30	2 7/16	27
26	13¾	S-1730		8.60	2 7/16	28
27	14¼	S- 694	S-1731	8.90	2 7/16	29
28	14¾	S-1732	S- 552	9.20	2 7/16	30
30	16	S-1129	S-1733	9.80	2 7/16	33
32	16¾	S- 692	S- 108	10.40	2 7/16	35
34	18	S-2691	S- 725	11.10	2 7/16	40½

Nos. 62, 62½, 72 and 72½ (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
37	19½	S-2693		$12.00	2 7/16	44½
38	20	S- 687	S-1734	12.30	2 7/16	46
39	20½	S- 409		12.60	2 7/16	51½
40	21	S-2695		12.90	2 7/16	53
41	21¾P	S-1735	S-1735	13.20	2 7/16	54½
42	22	S-1736		13.60	2 7/16	56
43	22½	S-1737	S-1738	14.00	2 7/16	57
45	23½	S-1739	S-1740	14.40	2 7/16	58
46	24½P	S-4824	S-4824	14.80	2 7/16	59
47	25	S-2696	S-2697	15.10	2 7/16	61
49	25¾	S-1741	S-1742	15.80	2 7/16	65
51	26¾	S-1743		16.60	2 7/16	69
57	30	S-1744	S-1745	19.00	2 7/16	78
58	30½	S-1746	S-1747	19.40	2 7/16	80
65	34½P	S-3765	S-3765	22.70	2 7/16	98
68	35¾	S-3365		24.20	2 7/16	103
83	43		S-3763	32.80	2 7/16	132
84	44¼P	S-3366	S-3366	33.30	2 7/16	135
91	47½	S-3367	S-3368	37.60	2 7/16	151

No. 65

9▲	6¼		S-1748	$ 4.80	1 15/16	11
21	14¼	S-1749		9.00	2 7/16	26

No. 66

6▲	4	S-1750		$ 3.80	15/16	6
8▲	5½	S-1751		4.20	1 7/16	8
9▲	6	S-1752		4.40	1 7/16	9
10▲	6½P	S-1753	S-1753	4.70	1 11/16	9½
11▲	7¼	S-1754		5.00	1 11/16	10
12▲	7¾	S-1755		5.30	1 15/16	12
13▲	8½	S-1756		5.70	1 15/16	14
14▲	9	S- 826		6.10	1 15/16	16
15▲	9¾	S-1757		6.50	1 15/16	17
16▲	10¼	S-1758		6.80	2 7/16	19
17▲	11P	S-1759	S-1759	7.10	2 7/16	21
18▲	11½	S-1760	S-1761	7.40	2 7/16	22
19	12¼P	S-1762	S-1762	7.80	2 7/16	24
20	13	S- 803		8.10	2 7/16	26
21	13½P	S-1763	S-1763	8.50	2 7/16	29
22	14¼P	S-1764	S-1764	8.80	2 7/16	31
24	15½	S-1765		9.60	2 7/16	33
25	16	S-1766		10.00	2 7/16	35
36	23	S-1767		14.40	2 7/16	53
46	29½	S-1768		18.60	2 7/16	64

No. 67—Use No. 57

No. 72

15▲	9¾	S-1769		$ 6.40	1 15/16	11
18	11¾	S-1770		7.60	1 15/16	15

No. 75—Use No. 78

No. 075—Use No. 76½

No. 76½

7▲	4¾	S-1952		$ 3.70	1 3/16	13
12▲	7¾	S-1755		5.60	1 15/16	19

No. 77*

6▲	4½	S-1818	S-1819	$ 3.50	1 3/16	6
7▲	5¼	S-1820	S-1821	3.80	1 3/16	8
8▲	6	S-1822	S-1823	4.20	1 11/16	10
9▲	6¾	S-1824	S-1825	4.60	1 11/16	12
10▲	7½	S-1826	S-1827	5.00	1 15/16	15
11▲	8¼	S-1828	S-1829	5.40	1 15/16	18
12▲	9	S-1830	S-1831	5.80	1 15/16	20
13▲	9½	S-1832	S-1833	6.20	1 15/16	22
14▲	10¼	S-1834	S-1835	6.60	2 7/16	24

▲ Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 77 (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	Extra for Plate Center
15▲	11	S-1836	S-1837	$7.00	2 7/16	26	
16▲	11¾	S-1838	S-1839	7.40	2 7/16	27	
17▲	12½	S-1840	S-1841	7.80	2 7/16	29	
18▲	13¼	S-1842	S-1843	8.20	2 7/16	30	
19	14	S-3293	S-3292	8.60	2 7/16	31	$1.90
20	14¾	S-1845	S-3295	9.00	2 7/16	32	2.00
21	15½		S-1846	9.40	2 7/16	33	2.05
22	16¼	S-1847	S-3296	9.80	2 7/16	35	2.35
23	17	S-1848	S-3297	10.20	2 7/16	37	2.45
24	17½P	S-1849	S-1849	10.60	2 7/16	39	2.55
25	18½P	S-1116	S-1116	11.00	2 7/16	41	2.85
26	19P	S-1850	S-1850	11.40	2 7/16	42	2.95
28	20½	S-3696	S-1851	12.20	2 7/16	48	3.40
30	22P	S-1852	S-1852	13.00	2 7/16	51	4.00
32	23½		S-1853	13.80	2 7/16	56	4.30
33	24¼P	S-3298	S-3298	14.40	2 7/16	58	4.90
34	25P	S-1854	S-1854	15.00	2 7/16	60	5.10
36	26½		S-1855	16.20	2 7/16	67	6.00
38	28	S-1856		17.40	2 7/16	72	7.00
40	29¼P	S-1857	S-1857	18.60	2 7/16	79	7.50
41	30	S-3301	S-3300	19.20	2 7/16	81	8.30
42	30¾P	S-1858	S-1858	19.80	2 7/16	84	8.60
43	31½		S-3302	20.40	2 7/16	86	8.80
44	32¼P	S-1859	S-1859	21.00	2 7/16	89	9.70
46	33¾P	S-1860	S-1860	22.20	2 7/16	95	10.30
48	35¼P	S-1861	S-1861	23.40	2 7/16	98	11.70
49	35¾	S-3303		24.00	2 7/16	101	12.00
50	36½P	S-1953	S-1953	24.80	2 7/16	105	13.40

No. 78—Use No. 88

No. 83* and No. 85*

12	15½P	S-4850	S-4850	$12.80	2 15/16	59	$2.80
14	18P	S-4851	S-4851	14.80	2 15/16	74	3.85
16	20½P	S-4852	S-4852	16.80	2 15/16	81	4.70
18	23P	S-4853	S-4853	19.20	2 15/16	90	6.00
20	25½P	S-4854	S-4854	21.60	2 15/16	110	7.40
22	28¼P	S-4855	S-4855	24.00	2 15/16	137	8.90
24	30¾P	S-4856	S-4856	26.80	2 15/16	155	11.50

Nos. 88*, 75* and 78*

5▲	4½	S-1908	S-1909	$3.80	1 3/16	7	
6▲	5¼	S-1773	S-1910	4.20	1 7/16	9	
7▲	6	S- 343	S-1911	4.60	1 7/16	11	
8▲	7	S- 632	S-1912	5.00	1 15/16	13	
9▲	7¾	S- 100	S- 101	5.50	1 15/16	15	
10▲	8½	S-1071	S-1913	6.00	1 15/16	17	
11▲	9¼	S-1028	S-4842	6.50	1 15/16	19	
12▲	10	S-1785	S-1786	7.00	2 7/16	24	
13▲	11	S-1915	S-1916	7.50	2 7/16	27	
14	11¾	S- 798	S-1917	8.00	2 15/16	33	
15	12½	S-1918	S-1919	8.50	2 15/16	37	
16	13½	S-1920	S-1921	9.00	2 15/16	39	
17	14¼	S-1922	S-1923	9.50	2 15/16	41½	$2.10
18	15	S-1070	S-1924	10.00	2 15/16	44	2.20
19	16	S- 885	S-1925	10.50	2 15/16	47	2.30
20	16¾	S- 869	S- 362	11.00	2 15/16	49	2.65
21	17½	S-1927	S-1926	11.50	2 15/16	51	2.75
22	18¼	S-1928	S-1929	12.00	2 15/16	53	3.10
23	19¼	S-1930	S-1931	12.50	2 15/16	56	3.25
24	20	S- 393	S-1932	13.00	2 15/16	59	3.65
25	20¾	S-1933	S-1934	13.50	2 15/16	61	3.80
26	21¾	S-1935	S- 661	14.00	2 15/16	64	3.90
27	22½	S-1936	S- 314	14.50	2 15/16	66	4.50

No. 88*, 75* and 78* (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	Extra for Plate Center
28	23¼	S-3316	S-3315	$15.00	2 15/16	69	$4.60
29	24	S-1938	S-1939	15.50	2 15/16	72	5.30
30	25P	S- 932	S- 932	16.00	2 15/16	76	5.40
32	26½	S- 399	S- 684	17.20	2 15/16	81	6.40
33	27½	S-3378	S- 820	18.00	2 15/16	84	6.60
34	28¼	S-1809	S-1941	18.80	2 15/16	88	7.50
35	29	S- 106	S-3322	19.60	2 15/16	91	7.80
36	30	S-4019	S-1030	20.40	2 15/16	93	8.80
37	30¾	S-3325	S-1942	21.20	2 15/16	96	9.10
38	31¾	S- 668	S-1943	22.00	2 15/16	98	9.40
39	32½	S-1944	S-1945	22.80	2 15/16	102	10.50
40	33¼	S-1946	S-1947	23.60	2 15/16	106	10.80
43	35¾	S- 457	S- 683	26.00	2 15/16	115	13.00
44	36½	S-1948	S- 858	26.80	2 15/16	119	14.50
45	37½	S- 745	S-1949	27.60	2 15/16	123	14.90
46	38¼	S-1950	S-1951	28.60	2 15/16	127	16.60
48	40P	S-1816	S-1816	30.60	2 15/16	138	19.00
49	40¾	S- 407	S- 706	31.60	2 15/16	146	19.60
50	41½	S- 352	S- 708	32.60	2 15/16	151	20.20
57	47¼	S- 605	S- 903	40.80	3 7/16	195	30.20
58	48¼	S-4808		42.20	3 7/16	211	33.00
60	49¾	S- 985		45.00	3 7/16	218	37.00
72	59¾	S-3341		65.00	3 7/16	335	65.00
77	64	S-3342		74.00	3 7/16	375	

No. 88½*

11▲	9¼	S-2104		$6.40	2 7/16	21	
12▲	10	S-2106		6.90	2 7/16	26	
14	11¾	S-2108		7.90	2 15/16	34	$1.60
18	15	S- 873		9.80	2 15/16	44	2.15

No. 95*

8▲	10½		S- 369	$ 9.00	2 15/16	40	
10▲	13P	S- 698	S- 698	10.80	2 15/16	50	
11	14¼	S-1892	S-1893	11.80	2 15/16	55	$2.60
12	15½P	S-1894	S-1894	12.80	2 15/16	62	2.80
15	19¼P	S- 398	S- 398	15.80	2 15/16	80	4.10
21	26¾		S-1901	22.80	2 15/16	126	8.50
22	28	S- 384		24.00	2 15/16	137	8.90
26	33¼	S- 559	S-1905	29.70	2 15/16	172	13.70
27	34¼P	S-1906	S-1906	31.20	2 15/16	182	15.60
32	40½	S-1144		40.00	2 15/16	245	24.80
38	48¼	S- 446		51.60	2 15/16	320	40.30
47	59½	S-1019		69.00	2 15/16	360	69.00

No. 103*

6▲	6¼	S-1954	S-1955	$ 4.80	1 15/16	11	
7▲	7	S- 704	S-1956	5.40	1 15/16	16	
8▲	8	S-1957	S-1958	6.00	2 7/16	20	
9▲	9P	S-1036	S-1036	6.60	2 7/16	23	
10▲	10	S-1132	S-1131	7.20	2 15/16	28	
11▲	11	S-1960	S-1961	7.80	2 15/16	36	
12▲	12	S-1041	S-1962	8.40	2 15/16	40	
13▲	13	S-3343	S-1964	9.00	2 15/16	44	
14▲	14	S-3344	S-1966	9.60	2 15/16	48	
15▲	14¾P	S- 114	S- 114	10.20	2 15/16	51	
16▲	15¾P	S- 728	S- 728	10.80	2 15/16	53	
17	16¾	S-3345	S-1968	11.40	2 15/16	56	$2.75
18	17¾	S-1026	S-1969	12.00	2 15/16	58	2.90
19	18¾	S-1970	S-1971	12.60	2 15/16	60	3.30
20	19¾	S-3346	S- 713	13.20	2 15/16	65	3.45
21	20¾	S-1972	S-1973	13.80	2 15/16	70	3.85
22	21½	S-1974	S-1975	14.40	2 15/16	74	4.00
23	22½	S- 554	S-1976	15.00	2 15/16	82	4.60

▲ Plate Center Wheels; all others have arms.
* Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 103* (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	Extra for Plate Center
24	23½	S- 883	S-1099	$15.60	2 15/16	90	$4.80
25	24½	S-1977	S-1978	16.40	2 15/16	97	5.60
26	25½	S-1979	S- 508	17.20	2 15/16	100	5.80
27	26½	S-1980	S- 417	18.00	2 15/16	103	6.60
28	27½	S- 896	S-1035	18.80	2 15/16	107	7.00
29	28½	S- 660	S-3815	19.80	2 15/16	114	7.90
30	29½	S-1143	S-1982	20.80	2 15/16	119	8.30
31	30½P	S- 117	S- 117	21.80	2 15/16	125	9.40
32	31½	S-1983	S- 494	22.80	2 15/16	134	9.80
33	32½	S- 924	S- 886	23.80	2 15/16	137	11.00
34	33¼	S-1984	S- 505	25.00	3 7/16	152	11.50
35	34¼	S- 855		26.50	3 7/16	156	13.20
36	35¼	S- 979	S-1985	28.00	3 7/16	167	14.00
37	36¼P	S- 658	S- 658	29.50	3 7/16	172	16.00
38	37¼	S-1067	S-1986	31.00	3 7/16	178	16.80
40	39¼	S-1987	S- 527	34.00	3 7/16	190	19.70
42	40¼	S-1988		37.00	3 7/16	202	23.00
44	43	S-1126		40.00	3 7/16	220	26.40
45	44	S- 923	S-1989	41.50	3 7/16	225	29.00
46	45	S-1127		43.00	3 7/16	230	30.10
49	48	S-1111	S-1990	47.50	3 7/16	270	37.00
55	54 P	S- 475	S- 475	58.00	3 15/16	328	49.90
58	56¾	S- 935		64.00	3 15/16	340	60.80
67	65½	S-3369		87.00	3 15/16	478	
73	71½	S-3370		105.00	3 15/16	515	

No. 104½*

7▲	10½	S- 318		$10.00	2 15/16	50	
9▲	13¼		S- 511	12.00	2 15/16	65	
11	16	S-1991	S- 610	14.00	2 15/16	75	$3.35
14	20¼	S-1992		17.60	2 15/16	105	4.90
15	21¾	S- 309		19.00	2 15/16	110	5.30
16	23	12473		20.20	2 15/16	112	6.30
17	24½	S-1993	S-3886	21.50	2 15/16	115	7.30
21	30¼	S- 515		26.60	2 15/16	156	11.50
33	47¼	S-1994		43.40	2 15/16	295	32.10

No. 108*

6▲	9½	S-1046	S-1995	$9.80	2 15/16	46	
8▲	12½	S-1996	S-1997	11.80	2 15/16	54	
9▲	13¾	S-1998	S-1999	13.00	2 15/16	62	
10	15¼	S- 306	S-2000	14.20	2 15/16	71	$3.10
11	16¾	S- 482	S- 870	15.40	2 15/16	83	3.70
12	18¼	S-2001	S-2002	16.60	2 15/16	92	4.30
13	19¾	S-2003	S-2004	18.00	2 15/16	106	4.70
14	21¼	S-2005		19.40	2 15/16	117	5.40
16	24¼	S-2006	S-2007	22.60	3 7/16	135	7.70
18	27¼	S-2008		25.80	3 7/16	154	9.60
20	30¼	S- 376	S- 949	29.00	3 7/16	179	12.50
24	36¼	S-2009	S-2010	36.20	3 7/16	220	19.60
28	42	S-2011		45.00	3 7/16	254	29.70
29	43½	S- 431	S-2012	47.20	3 7/16	265	31.20
31	46½	S-2013	S-2014	51.80	3 7/16	286	38.30
35	52¾	S-3896		62.00	3 7/16	330	53.30

No. 114*

5▲	5½		S- 916	$5.80	1 15/16	14	
6▲	6½	S-2015	S-2016	6.20	1 15/16	15½	
7▲	7½	S-2017	S-4275	6.60	2 3/16	17½	
8▲	8½	S-2018	S-2019	7.00	2 7/16	20	
9▲	9½	S- 616	S-2020	7.60	2 7/16	22	
10▲	10½	S-2021	S- 454	8.20	2 7/16	24	
11▲	11½	S-2022	S-2023	8.80	2 7/16	27	
12▲	12¾	S-1086	S-2024	9.40	2 15/16	32	

No. 114* (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	Extra for Plate Center
13▲	13¾	S- 767	S-2025	$10.00	2 15/16	36	
14	14¾	S-1015	S-2026	10.60	2 15/16	41	$2.35
15	15¾	S- 481	S-2027	11.30	2 15/16	51	2.50
16	16¾	S- 790	S-2028	12.00	2 15/16	61	2.90
17	17¾	S- 489		12.70	2 15/16	65	3.05
18	19	S- 311	S-2029	13.40	2 15/16	70	3.50
19	20	S-1082	S-2030	14.20	2 15/16	75	4.00
20	20¾P	S- 118	S- 118	15.00	2 15/16	81	4.20
21	22	S-2031	S-2032	15.80	2 15/16	84	4.90
23	24	S- 499		17.40	3 7/16	94	5.90
24	25	S-2033	S-1098	18.40	3 7/16	99	6.30
25	26	S- 690	S-2034	19.40	3 7/16	102	7.20
26	27¼	S- 388		20.40	3 7/16	105	7.60
30	31¼	S- 498	S-2035	24.60	3 7/16	136	10.60
32	33½	S-2036		27.00	3 7/16	146	12.40
34	35½	S-1145	S-2037	30.00	3 7/16	158	15.00
35	36½	S-2038	S-2039	31.50	3 7/16	165	17.00
36	37½	S-2040	S-2041	33.00	3 7/16	182	17.80
38	39½	S- 648	S-2042	36.20	3 7/16	191	21.00
42	42¾	S-1054	S-2043	42.60	3 7/16	232	28.10
46	48	S-2044		49.00	3 15/16	245	36.30
47	49	S-1122		50.60	3 15/16	256	39.50
48	50	S-1006		52.20	3 15/16	267	40.80
57	59¼	S- 917		77.60	3 15/16	410	77.60

No. 122*

8	16	S-2045	S-3977	$17.20	3 7/16	83	
9	18	S-2046		19.20	3 7/16	125	
10	19¾	S-2047	S-2048	21.40	3 7/16	156	
11	21¾	S-2049		23.60	3 7/16	160	
12	23½	S-2050	S-2051	26.20	3 7/16	165	
15	29½	S-2052	S-3978	34.00	3 7/16	228	
16	31¼	S-2053		36.60	3 7/16	237	
19	37	S-2054	S-2055	49.80	3 15/16	320	
36	70	S-2056		135.00	3 15/16	700	

No. 124*

7▲	9½	S-2057		$ 9.00	2 15/16	25	
8▲	10¾	S-2058	S-2059	10.00	2 15/16	30	
9▲	12	S-2060	S-2061	11.00	2 15/16	40	
10▲	13¼	S- 972	S-2062	12.00	3 7/16	53	
11▲	14½	S-2063	S-2064	13.00	3 7/16	59	
12▲	15¾	S- 910	S-2065	14.00	3 7/16	65	
13	17	S-2066	S-2067	15.00	3 7/16	70	$3.60
14	18¼	S-2068	S-2069	16.00	3 7/16	77	4.20
15	19½	S-2070	S-2071	17.20	3 7/16	83	4.50
16	21	S-2072	S-2073	18.40	3 7/16	90	5.20
17	22¼	S- 317	S-2074	19.60	3 7/16	98	6.10
18	23½	S-2075	S-2076	20.80	3 7/16	107	6.40
19	24¾	S-1024	S-2077	22.00	3 7/16	114	7.50
20	26	S- 772	S-2078	23.20	3 7/16	120	8.60
22	28½	S-2079	S-2080	25.60	3 7/16	140	10.20
23	30	S-1104	S-2081	26.80	3 7/16	148	10.70
24	31¼	S-2082	S-2083	28.40	3 7/16	154	12.20
25	32½	S-1023		30.00	3 7/16	164	13.80
28	36½	S-1022	S-2084	34.80	3 15/16	190	18.80
30	39	S-2085	S-2086	38.00	3 15/16	227	22.00
32	41½	S-2087	S-2088	41.60	3 15/16	243	25.80
34	44	S- 529	S-3973	45.20	3 15/16	264	31.60
37	48	S- 936		51.40	3 15/16	308	40.10
38	49¼	S- 884		53.60	3 15/16	318	41.80
46	59½	S-2089		82.00	4 15/16	450	82.00
51	66	S-2090		102.00	4 15/16	600	
56	72½	S-3979		122.00	4 15/16	725	
66	85½	S-3975		162.00	4 15/16	900	

▲ Plate Center Wheels; all others have arms.
* Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Hercules Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

Nos. 102* and 102B*†

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wt. Each Lbs.	Extra for Plate Center
12	15¼P	S-4845	S-4845	$14.40	2 15/16	60	
14	17¾P	S-4846	S-4846	16.80	2 15/16	81	
16	20¼P	S-4847	S-4847	18.00	2 15/16	90	$5.00
18	23 P	S-4848	S-4848	19.20	2 15/16	95	6.00
22	28 P	S-4849	S-4849	24.00	2 15/16	140	8.90
47	59¼	S-4840		83.00	3 7/16	516	83.00

No. 102½*†

6▲	8	S-2234		$10.00	2 7/16	36	
8▲	10½P	S- 381	S- 381	11.60	2 7/16	40	
9▲	11¾	S- 123	S- 644	12.40	2 15/16	44	
10▲	13 P	S-1029	S-1029	13.40	2 15/16	50	
11▲	14¼	S-1075	S- 631	14.60	2 15/16	55	
12▲	15½	S- 584		15.80	2 15/16	62	
15	19½P	S-1044	S-1044	19.40	2 15/16	81	
16	20¾P	S-1072	S-1072	20.60	2 15/16	88	$5.80
17	22		S-2235	21.80	2 15/16	92	6.10
18	23¼P	S-4841	S-4841	23.00	2 15/16	95	7.20
19	24½P	S- 993	S- 993	24.40	2 15/16	110	8.30
22	28¼	S-2236		28.60	3 7/16	135	11.50
23	29½P	S-2237	S-2237	30.20	3 7/16	143	12.10
26	33½	S- 864		35.60	3 7/16	175	16.40
27	34¾	S-3885		37.40	3 7/16	184	18.70
31	39¾	S-2238		42.80	3 7/16	220	24.80
37	47½	S- 650	S-3932	57.60	3 7/16	338	42.60
46	59	S-2239		77.40	3 15/16	400	77.40
48	61¾		S-4270	81.80	3 15/16	656	

No. 110*

6▲	12	S- 621		$12.20	2 15/16	50	
8▲	15¾	S-2242		15.40	2 15/16	60	
9	17½	S- 551		17.00	2 15/16	85	
10	19½	S- 459		18.80	2 15/16	95	$4.90
11	21¼	S- 950		20.60	2 15/16	100	5.80
12	23¼	S- 488	S- 948	22.60	2 15/16	105	7.00
13	25	S-1038		24.60	3 7/16	120	8.40
16	30¾	S- 930		31.20	3 7/16	160	13.40
18	34½	S- 487	S-2243	36.00	3 7/16	200	18.00
37	70¾	S-2240			3 15/16		

No. 110 Sp.*

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wt. Each Lbs.	Extra for Plate Center
8	23¾P	S-4822	S-4822	$23.00	2 15/16	110	$7.20

No. 111*†

9▲	14 P	S-2244	S-2244	$15.60	2 15/16	76	
11▲	17 P	S- 127	S- 127	18.40	2 15/16	88	
12▲	18½P	S- 598	S- 598	20.00	2 15/16	92	
13▲	20 P	S- 561	S- 561	21.80	2 15/16	95	
14	21½P	S- 580	S- 580	23.60	2 15/16	117	$6.60
15	23 P	S- 641	S- 641	25.40	2 15/16	125	7.90
16	24½P	S- 576	S- 576	27.20	3 7/16	133	9.30
18	27½P	S- 592	S- 592	31.00	3 7/16	169	11.50
20	30½P	S- 557	S- 557	35.60	3 7/16	217	15.30
22	33½P	S- 773	S- 773	41.40	3 7/16	222	19.00

No. 111 Sp.*

8▲	15½	S- 377	S-2245	$17.20	2 15/16	75	
10	19½	S- 954		21.60	2 15/16	135	$5.60
12	23¼P	S- 961	S- 961	26.20	2 15/16	190	8.10
16	30¾	S- 822		36.60	3 7/16	260	15.80

No. 131*†

Use No. 103 Detachable Sprockets Page 133

No. 132*†

8	16		S-2246	$20.20	3 7/16	125	
9	18P	S-3198	S-3198	23.00	3 7/16	155	
12	23¾P	S-3199	S-3199	32.00	3 7/16	220	$10.00
13	25½P	S- 113	S- 113	35.20	3 7/16	250	12.00
15	29½P	S-3200	S-3200	42.60	3 7/16	280	17.10
16	31½P	S-3372	S-3372	47.60	3 7/16	310	20.50
18	35¼P	S-3201	S-3201	58.00	3 15/16	350	29.00
21	41¼P	S-2247	S-2247	77.20	3 15/16	420	47.90

No. 188* Use No. 88 Detachable Sprockets. Page 133

No. 214* Use No. 114 Detachable Sprockets. Page 134

No. 1226*†

10	19½P	S-4860	S-4860	$22.00	2 15/16	120	$5.80

Jeffrey Sprocket Wheels for Reliance Chains

No. 60 and No. 60 H

6▲	4¾P	S-2132	S-2132	$3.50	1 3/16	6	
7▲	5½P	S-2134	S-2134	3.80	1 3/16	8	
8▲	6P	S-2136	S-2136	4.20	1 11/16	10	
9▲	6¾P	S-2138	S-2138	4.60	1 11/16	12	
10▲	7½P	S-2140	S-2140	5.00	1 15/16	15	
11▲	8¼P	S-2142	S-2142	5.40	1 15/16	18	
12▲	9P	S-2144	S-2144	5.80	1 15/16	20	
13▲	9¾P	S-2146	S-2146	6.20	1 15/16	22	
14▲	10½P	S-2149	S-2149	6.60	2 7/16	24	
15	11¼P	S-2150	S-2150	7.00	2 7/16	26	
16	12P	S-2151	S-2151	7.40	2 7/16	27	
18	13¼P	S-2152	S-2152	8.20	2 7/16	30	
20	14¾P	S-2153	S-2153	9.00	2 7/16	32	
22	16¼P	S-2154	S-2154	9.80	2 7/16	35	
24	17¾P	S-2155	S-2155	10.60	2 7/16	39	
25	18¼P	S- 646	S- 646	11.00	2 7/16	41	
26	19¼P	S-2156	S-2156	11.40	2 7/16	43	
28	20¾P	S-2157	S-2157	12.20	2 7/16	48	
30	22 P	S-2158	S-2158	13.00	2 7/16	51	
32	23½P	S-2159	S-2159	13.80	2 7/16	53	
34	25P	S-2160	S-2160	15.00	2 7/16	60	
36	26½P	S-2161	S-2161	16.20	2 7/16	64	

No. 60 and No. 60 H (Continued)

38	28P	S-2162	S-2162	$17.40	2 7/16	70	
40	29½P	S-2163	S-2163	18.60	2 7/16	79	
48	35¼P	S- 137	S- 137	23.40	2 7/16	98	

No. 73*

8▲	6¼P	S- 131	S- 131	$ 6.40	1 15/16	16½	
10▲	7¾P	S- 130	S- 130	6.80	2 7/16	21	
12▲	9¼	S-3768	S-1097	7.60	2 7/16	28	
15▲	11½	S-2164		9.00	2 7/16	34	
16	12P	S- 129	S- 129	9.60	2 7/16	36	
18	13¾	S-3769		10.60	2 7/16	53	
23	17½	S-2166		13.20	2 7/16	68	
24	18¼P	S-2167	S-2167	13.70	2 7/16	72	
28	21¼P	S- 541	S- 541	16.00	2 7/16	85	
32	24	S-2168		18.40	2 7/16	108	
41	30¾	S- 795		24.60	2 7/16	122	
48	35½	S- 796		30.00	2 7/16	144	

No. 74*

Use No. 88 Detachable Sprockets. Page 133

▲ Plate Center Wheels; all others have arms.
* Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.
† For List of Flanged Sprockets, See page 148.

Jeffrey Sprocket Wheels for Reliance Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 75*

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
8▲	7P	S-2169	S-2169	$5.00	1 15/16	11	
9▲	7¾P	S-2170	S-2170	5.50	1 15/16	15	
10▲	8½P	S-2171	S-2171	6.00	1 15/16	19	
12▲	10P	S-2172	S-2172	7.00	2 7/16	26	
14▲	11¾P	S-2173	S-2173	8.00	2 15/16	33	
16	13½P	S-2174	S-2174	9.00	2 15/16	38½	$1.80
18	15P	S-2175	S-2175	10.00	2 15/16	44	2.20
20	16¾P	S-2176	S-2176	11.00	2 15/16	49	2.65
22	18½P	S-2177	S-2177	12.00	2 15/16	53	3.10
24	20P	S-2178	S-2178	13.00	2 15/16	59	3.65
26	21¾P	S-2179	S-2179	14.00	2 15/16	64	3.90
28	23½P	S-2180	S-2180	15.00	2 15/16	69	4.60
30	25P	S-2181	S-2181	16.00	2 15/16	76	5.40
32	26¾P	S-2182	S-2182	17.20	2 15/16	81	6.40
34	28¼P	S-2183	S-2183	18.80	2 15/16	88	7.50

No. 78*

Use No. 88 Detachable Sprockets Page 133

No. 82*

Use No. 103 Detachable Sprockets Page 133

No. 87*

6▲	8P	S-2192	S-2192	$ 9.50	2 15/16	30	
7▲	9¼P	S-2193	S-2193	10.50	2 15/16	38	
8▲	10½P	S-2194	S-2194	11.50	2 15/16	46	
9▲	11¾P	S-2195	S-2195	12.50	2 15/16	55	
10▲	13P	S-2196	S-2196	13.50	3 7/16	58	
11▲	14¼P	S-2197	S-2197	14.80	3 7/16	70	
12▲	15½P	S-2198	S-2198	15.60	3 7/16	77	
14	18P	S-2199	S-2199	18.00	3 7/16	99	
16	20½P	S-2200	S-2200	20.40	3 7/16	124	

No. 87* (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
18	23P	S-2201	S-2201	$23.20	3 7/16	145	$7.20
20	25½P	S-2202	S-2202	26.00	3 7/16	170	8.80
22	28¼P	S-2203	S-2203	28.80	3 7/16	190	11.60
24	30¾P	S-2204	S-2204	31.80	3 7/16	210	13.70
26	33¼P	S-2205	S-2205	35.40	3 7/16	225	16.30
28	35¾P	S-2206	S-2206	39.00	3 7/16	250	19.50
30	38¼	S-3197		42.60	3 7/16	280	24.70

No. 95*

13	17	S-2207		$13.80	2 15/16	68	$3.30
19	24½	S-2208	S-2209	20.40	2 15/16	95	7.00

No. 124*

7▲	9¼	S-2210	S-2211	$10.80	2 1/16	25	
8▲	10½	S-2212	S-2213	11.80	2 15/16	35	
9▲	11¾	S-2214	S-2215	12.80	2 15/16	45	
10▲	13	S-2216	S-2217	13.80	3 7/16	55	
11▲	14¼	S-2218	S-2219	14.80	3 7/16	65	
12▲	15½	S-2220	S-2221	15.80	3 15/16	75	
13▲	16¾P	S-2222	S-2222	16.80	3 15/16	80	
14	18P	S-2223	S-2223	18.00	3 15/16	85	
15	19¼P	S-2224	S-2224	19.40	3 15/16	95	
16	20½P	S-2225	S-2225	20.80	3 15/16	100	$5.80
18	23P	S-2226	S-2226	23.60	3 15/16	120	7.30
20	25½P	S-2227	S-2227	26.60	3 15/16	133	9.10
22	28¼P	S-2228	S-2228	29.80	3 15/16	150	11.90
24	30¾P	S-2229	S-2229	33.00	3 15/16	170	14.20
28	35¾P	S-2230	S-2230	40.20	3 15/16	190	21.70
30	38¼P	S-2231	S-2231	45.00	3 15/16	212	26.10
32	41P	S-2232	S-2232	49.80	3 15/16	250	30.90
34	43½P	S-2233	S-2233	55.00	3 15/16	275	38.50

Jeffrey Sprockets for Reliance Drag & Transfer Chains

RELIANCE DRAG

The "largest bore at regular prices" for all wheels for Reliance Drag Chains, is 2 15/16 inches.

No. 97

10	16¼P	S-3980	S-3980	$19.00	2 15/16	84

No. 102

7	11¾P	S-3007	S-3007	$18.00	2 15/16	84
8	13¼P	S- 701	S- 701	19.80	2 15/16	100
10	16¼P	S- 680	S- 680	23.60	2 15/16	124
12	19½		S-3008	28.60	2 15/16	145
13	21P	S- 434	S- 434	32.20	2 15/16	166

No. 104

6▲	12	S- 448		$16.60	2 15/16	65
7	14P	S-3009	S-3009	18.60	2 15/16	90
8	15¾P	S-3010	S-3010	20.80	2 15/16	100
9	17¾	S- 496		23.20	2 15/16	112
11	21½	S- 520		29.40	2 15/16	130
13	25¼P	S- 313	S- 313	37.00	2 15/16	170

No. 110

6▲	12P	S-3012	S-3012	$23.00	2 15/16	115
8▲	15¾P	S- 473	S- 473	29.00	2 15/16	145
9	17½P	S- 536	S- 536	32.40	2 15/16	162
11	21¼P	S-3013	S-3013	40.00	2 15/16	215

No. 112

7	18¾	S- 125	S-3931	$34.40	2 15/16	147
8	21P	S-3015	S-3015	39.40	2 15/16	175

No. 120

6	12P	S-4272	S-4272	$24.00	2 15/16	130
12	23¼P	S- 138	S- 138	47.00	2 15/16	170

No. 480

8	21P	S-4804	S-4804	$46.20	2 15/16	290

No. 1156

9	17½P	S- 867	S- 867	$27.00	2 15/16	166

RELIANCE TRANSFER

No. 130

9▲	11½	S-3045		$10.00	2 7/16	40
10▲	12¾	S-1063		10.80	2 7/16	45

No. 132

9▲	11¾	S-3036		$12.20	2 7/16	39

No. 500

6	8	S-3047		$ 8.20	2 7/16	24
8	10¼	S-3048		10.00	2 7/16	30
10	12¾	S-3049		12.00	2 7/16	36
13	16½	S-3050		15.60	2 7/16	45
14	17¾	S-3051		16.80	2 7/16	52

No. 535

9▲	18¼P	S-4807	S-4807	$27.00	2 15/16	138

▲ Plate Center Wheels; all others have arms.
* Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Pintle Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. H 567

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
32	22	S-3194		$13.40	2 7/16	60	$4.20

No. 1152
Use No. 52 Detachable Sprockets. Page 131

No. 1155
Use No. 55 Detachable Sprockets. Page 131

No. 1162
Use No. 62 Detachable Sprockets. Page 132

No. 4103*
Use No. 103 Detachable Sprockets. Page 133

Jeffrey Sprocket Wheels for Peerless Chains

Cast Iron Chilled

No. 823*

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
8▲	10½	S- 532		$10.60	2 7/16	30	
9▲	11¾P	S- 385	S- 385	11.60	2 7/16	36	
10▲	13	S- 736		12.60	2 11/16	43	
11▲	14¼	S- 535		13.60	2 11/16	50	
12▲	15½	S-2249		14.60	2 15/16	62	
14	18	S-2250		16.80	2 15/16	80	
15	19¼	S-2251		18.00	2 15/16	85	
16	20½	S-2252		19.20	2 15/16	91	
17	22P	S- 386	S- 386	20.40	2 15/16	101	
19	24¼	S-2253		23.00	2 15/16	117	
24	30¾	S-2254	S-2255	30.00	2 15/16	158	
28	35¾P	S-2256	S-2256	36.80	2 15/16	188	
38	48½	S-2257		55.80	2 15/16	293	

No. 825*

8▲	10½	S-2258	12340	$11.50	2 15/16	43	
9▲	11¾	S-2260		12.50	2 15/16	55	
10▲	13P	S- 357	S- 357	13.50	2 15/16	62	
11▲	14¼	12339		14.50	3 7/16	70	
12▲	15½	S-2262	S-2263	15.60	3 7/16	77	
14▲	18	S-1100	S-1031	18.00	3 15/16	101	
15	19¼P	S-4799	S-4799	19.20	3 15/16	113	
16	20½	S- 351		20.40	3 15/16	123	
18	23	S- 686		23.20	3 15/16	145	
19	24¼	S-4800		24.60	3 15/16	152	

No. 825* (Continued)

23	29¼	S- 969		$30.20	3 15/16	195	
24	30½	S- 934		31.80	3 15/16	210	
28	35¾	S- 970		39.00	3 15/16	243	
37	47	S-2264		58.60	3 15/16	330	

No. 830*

10	19½P	S- 435	S- 435	$19.40	3 7/16	130	
12	23½	S- 817		23.00	3 7/16	154	
16	31P	S-1090	S-1090	31.80	3 15/16	195	

No. 835*

23	29½	S-2265		$35.00	3 15/16	243	

No. 843*

8	15¾	S-2266		$17.60	3 15/16	110	
13	25	S-2267		28.80	3 15/16	165	

No. 844*

9▲	17¾P	S-1076	S-1076	$19.80	3 15/16	130	
10	19½	S-2268		22.20	3 15/16	150	
12	23¼	S-1050		27.00	3 15/16	180	
13	25¼	S-2269		29.60	3 15/16	210	
15	29P	S- 514	S- 514	34.80	3 15/16	245	
19	36½	S-2270		51.00	3 15/16	375	

No. 847*

12▲	23¼	S-1005		$32.80	4 15/16	200	$10.20
15	29¼P	S-4828	S-4828	48.00	4 15/16	345	19.20

Jeffrey Sprocket Wheels for Atlas Chains

Cast Iron

No. 620*

10▲	16¼	S-2271		$16.40	4 7/16	110	
13	21	S-2272		21.20	4 7/16	140	$5.90
18	29		S-2273	30.00	4 7/16	200	12.00
33	52¾		S-2274	74.00	4 7/16	500	63.60

No. 631*

16	30¾	S-2275		$32.60	4 15/16	220	$14.00
18	34½	S-2276		37.80	4 15/16	260	18.90
20	38¼	S-2277		44.20	4 15/16	330	25.60

No. 710*
Use No. 108 Detachable Sprockets. Page 134

No. 730*

8	15¾P	S-2278	S-2278	$16.00	2 15/16	68	
9▲	17½	S-2279		17.80	2 15/16	77	
10	19½	S-2280	S-2281	19.60	3 7/16	90	
11	21¼	S-2282		21.50	3 7/16	100	
12	23	S-2283		23.40	3 7/16	110	
13	25	S-2284		25.60	3 7/16	137	$ 8.70
14	27	S-2285		27.80	3 15/16	157	10.30
15	28¾	S-2286		30.20	3 15/16	177	12.10
16	30¾	S-2287	S-2288	32.80	3 15/16	201	14.10
18	34½	S-2289		38.00	3 15/16	225	19.00
20	38¼	S-2290	S-2291	44.00	3 15/16	260	25.50
26	50		S-2292	67.20	3 15/16	314	52.40

▲ Plate Center Wheels; all others have arms.
*Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Malleable Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 0

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
4▲	3	S-3472	S-3471	$3.00	1 3/16	1¾	
5▲	3½	S-3473		3.20	1 7/16	2½	
6▲	4	S-3475	S-3474	3.40	1 7/16	3¼	
7▲	4¾	S-3476		3.70	1 11/16	4	
8▲	5¼	S-3478	S-3477	4.00	1 15/16	6	
9▲	6	S-3480	S-3479	4.30	2 3/16	8	
10▲	6½	S-3482	S-3481	4.60	2 7/16	10	
11▲	7¼	S-3483		4.90	2 7/16	12	
12▲	7¾	S-3485	S-3484	5.20	2 7/16	14	
13▲	8½	S-3487	S-3486	5.50	2 7/16	16	
14▲	9	S-3489	S-3488	5.80	2 7/16	18	
15▲	9¾	S-3491	S-3490	6.20	2 7/16	20	
17	11	S-3493	S-3492	6.60	2 7/16	22	$1.30
18	11¾	S-3495	S-3494	7.00	2 7/16	24	1.40
19	12¼	S-3496	S-3520	7.40	2 7/16	26	1.45
20	13	S-3497		7.80	2 7/16	28	1.55
21	13½	S-3498		8.20	2 7/16	30	1.65
22	14¼	S-3499		8.60	2 7/16	32	1.90
23	15	S-3501	S-3500	9.00	2 7/16	34	2.00
24	15½	S-3502		9.40	2 7/16	35	2.05
25	16	S-3504	S-3503	9.80	2 7/16	37	2.35
28	18	S-3506	S-3505	11.00	2 7/16	41	2.90
31	20	S-3508	S-3507	12.20	2 7/16	44	3.40
34	22	S-3509		13.40	2 7/16	48	4.20
35	22½	S-3510		13.80	2 7/16	50	4.30
36	23¼	S-3511		14.20	2 7/16	52	4.40
38	24½	S-3512		15.00	2 7/16	56	5.10
42	27	S-3513		16.60	2 7/16	64	6.10
44	28¼	S-3514		17.80	2 7/16	68	7.10
46	28½	S-3516	S-3515	18.60	2 7/16	72	8.00
49	31½	S-3517		19.80	2 7/16	80	8.50
51	33½	S-3519	S-3518	21.20	2 7/16	85	9.80

No. 1*

6▲	6	S-2293	S-2294	$6.40	2 7/16	16	
7▲	7		S-3385	7.00	2 7/16	18	
8▲	7¾	S-2295	S- 847	7.60	2 7/16	20	
9▲	8¾	S-2296	S-2297	8.20	2 7/16	22	
10▲	9¾	S- 963	S-2298	8.80	2 7/16	24	
11▲	10½	S-2299	S-2300	9.40	2 7/16	26	
12▲	11½	S-2301	S-2302	10.00	2 15/16	29	
13▲	12½	S- 964	S- 962	10.80	2 15/16	32	
14▲	13½	S-1078	S- 420	11.60	2 15/16	42	
15▲	14¼	S-2303	S-2304	12.40	2 15/16	56	
16▲	15¼	S- 960	S-2305	13.20	2 15/16	58	
17	16¼	S-2306	S-2307	14.00	2 15/16	60	$3.35
18	17¼	S-2308	S-2309	14.80	2 15/16	65	3.55
19	18	S-2310	S-2311	15.60	2 15/16	70	3.90
20	19	S-2312	S-2313	16.40	2 15/16	75	4.30
21	20	S-2314	S-2315	17.20	2 15/16	80	4.50
22	21	S-2316	S-3386	18.00	2 15/16	85	5.10
24	22¾	S- 777	S-2317	19.60	2 15/16	90	6.10
25	23¾	S-2318	S- 619	20.40	2 15/16	95	6.30
27	25¾	S-2319	S-2320	22.00	2 15/16	105	7.50
29	27½	S- 550	S-2321	24.00	2 15/16	115	8.90
31	29½	S-2322	S-2323	26.00	2 15/16	125	10.40
34	30¾	S-2324	S-3387	29.40	2 15/16	135	13.50
38	36	S-2325	S-2326	34.20	3 7/16	150	18.50
44	41¾	S-2327	S-2328	41.40	3 7/16	165	25.70
45	42¾	S-3388		43.00	3 7/16	170	28.40
50	47½	S-2329	S-2330	54.00	3 7/16	185	40.00
63	59¾	S-3389		82.60	3 7/16	350	82.60

No. 1½*

6▲	6P	S-2331	S-2331	$6.40	2 7/16	20	
7▲	7	S-3970		7.00	2 7/16	24	
8▲	7¾P	S-2332	S-2332	7.60	2 7/16	28	

No. 1½* (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
10▲	9¾P	S-2333	S-2333	$8.80	2 7/16	36	
11▲	10½P	S-2334	S-2334	9.40	2 7/16	40	
12▲	11½P	S-2335	S-2335	10.00	2 15/16	45	
13▲	12½P	S-2336	S-2336	10.80	2 15/16	56	
14▲	13½P	S-4025	S-4025	11.60	2 15/16	67	
15▲	14½P	S-4821	S-4821	12.40	2 15/16	78	
16▲	15¼	S-1093		13.20	2 15/16	85	
18	17¼P	S-4837	S-4837	14.80	2 15/16	93	$3.55
19	18¼P	S-2337	S-2337	15.60	2 15/16	100	3.90
22	21P	S-2338	S-2338	18.00	2 15/16	120	5.10
25	23¾P	S-2339	S-2339	20.40	2 15/16	140	6.30
35	33¼P	S-4827	S-4827	30.60	2 15/16	200	14.10

No. 2*

5▲	6¼	S- 424	S-2340	$6.80	1 11/16	20	
7▲	8½	S-2341	S-2342	8.20	2 7/16	24	
8▲	9¾	S-2343	S-2344	9.00	2 7/16	30	
9▲	10¾	S-2345	S-2346	9.80	2 7/16	40	
10▲	12	S- 426	S- 421	10.60	2 15/16	43	
11▲	13¼	S-2347	S-2348	11.40	2 15/16	45	
12▲	14¼	S-2349	S-2350	12.20	2 15/16	47	
13▲	15½	S-2351		13.00	2 15/16	50	
14▲	16½	S-2352	S-2353	14.00	2 15/16	55	
15	17¾	S-2354	S-2355	15.00	2 15/16	60	$3.60
17	20	S-1020	S-2356	17.00	2 15/16	70	4.80
19	22½	S-2357	S-2358	19.00	2 15/16	80	5.90
20	23¾	S-2359	S-2360	20.00	2 15/16	85	6.20
21	24¾	S-2361	S-2362	21.20	2 15/16	95	7.20
24	28¼	S-2363	S-2364	24.80	2 15/16	110	10.00
25	29½	S-2365	S-2366	26.00	2 15/16	130	10.40
26	30¾	S-2367	S-2368	27.20	2 15/16	150	11.70
30	35½	S-2369	S-2370	33.00	2 15/16	170	16.50
37	43½	S-2371	S-3396	44.00	2 15/16	220	29.10
40	47	S-2372	S-2373	50.00	2 15/16	260	37.00
51	60	S-2374		83.00	2 15/16	400	83.00

No. 2 Sp.*

5▲	6¼	S-2375		$6.80	1 15/16	17	
7▲	8½	S-2376		8.20	2 7/16	23	
8▲	9¾	S-2377	S-2378	9.00	2 7/16	32	
9▲	10¾	S-2379	S-2380	9.80	2 7/16	37	
10▲	12	S- 834	S- 836	10.60	2 15/16	42	
11▲	13¼	S-2381	S-2382	11.40	2 15/16	46	
12▲	14¼	S-2383	S-2384	12.20	2 15/16	56	
13	15½	S-2385	S-2386	13.00	2 15/16	60	
14	16½	S-2387	S-2388	14.00	2 15/16	65	
15	17¾	S-2389	S-2390	15.00	2 15/16	70	$3.60
17	20	S-2391	S- 898	17.00	2 15/16	82	4.80
18	21½P	S-4832	S-4832	18.00	2 15/16	89	5.10
20	23¾	S-2392	S-2393	20.00	2 15/16	103	6.20
23	27¼	S-2394	S-2395	23.60	2 15/16	126	8.80
24	28¼	S-2396		24.80	2 15/16	132	10.00
25	29½	S-2397	S-2398	26.00	2 15/16	138	10.40
26	30¾	S-2399	S-2400	27.20	2 15/16	147	11.70
30	35½	S-2401	S-2402	33.00	2 15/16	175	16.50
31	36½	S-2403		34.60	2 15/16	183	18.70
37	43½	S-2404	S-2405	44.00	2 15/16	225	29.10
50	58¾	S-2406		79.40	3 7/16	420	79.40

No. 3*

6▲	8	S-3399	S-2407	$9.00	2 7/16	32	
8▲	10½	S-3403	S-2409	10.60	2 15/16	42	
9▲	11¾	S- 533	S- 980	11.60	2 15/16	47	
10▲	13	S-2410	S-2411	12.60	2 15/16	52	
11▲	14¾	S-2412	S-2413	13.80	2 15/16	56	
12	15½	S- 458	S- 516	15.00	2 15/16	60	$3.30
13	17	S-2414	S-2415	16.20	3 7/16	65	3.90
14	18¼	S- 702	S- 942	17.40	3 7/16	70	4.60

▲ Plate Center Wheels; all others have arms.
* Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Malleable Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 3* (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
16	20¾	S-2416	S-2417	$19.80	3 7/16	90	$5.60
17	22	S-2418	S-2419	21.00	3 7/16	100	6.50
18	23¼	S- 367	S-2420	22.20	3 7/16	120	6.90
19	24½	S-2421	S-2422	23.40	3 7/16	130	8.00
20	25¾	S- 403	S-2423	24.80	3 15/16	140	9.20
23	29¾	S-2424	S-2425	29.00	3 15/16	165	11.60
24	31	S- 703	S-2426	30.60	3 15/16	180	13.20
28	36P	S-1021	S-1021	37.00	3 15/16	200	20.00
30	38½	S-2427		40.80	3 15/16	230	23.70
31	40	S-2428	S-2429	42.40	3 15/16	240	26.30
33	42½	S-2430	S-2431	46.40	3 15/16	280	30.70
35	45	S-2432		50.60	3 15/16	300	35.50
36	46¼	S-2433		53.00	3 15/16	320	39.30
37	47½	S-2434	S-2435	55.60	3 15/16	340	41.20
48	61¾	S-2436		93.00	3 15/16	450	
56	72	S-3400		120.00	4 15/16	600	

No. 3½*

12▲	15¾	S- 720		$15.00	2 15/16	60	
18	23¼P	S-2437	S-2437	22.20	3 7/16	100	$6.90
19	24½P	S-2438	S-2438	23.40	3 7/16	130	8.00
20	26P	S-2439	S-2439	24.80	3 15/16	140	9.20
28	34P	S-4815	S-4815	37.00	3 15/16	200	20.00
30	38¾P	S-2440	S-2440	40.80	3 15/16	230	23.70

No. 5*

7▲	11¾	S- 396	S-2441	$14.20	3 7/16	70	
8▲	13¼	S-2442	S-2443	15.40	3 7/16	80	
9▲	15	S-2444	S-2445	16.60	3 7/16	90	
10▲	16¾	S-2446	S-2447	18.20	3 7/16	100	
12▲	19½	S-2448	S- 887	21.80	3 7/16	125	
15	24½	S-2449	S-2450	27.80	3 15/16	140	$9.50
16	26	S-2451	S-2452	30.00	3 15/16	170	11.10
17	27½	S-2453	S-2454	32.20	3 15/16	190	11.90
19	30¾	S-2455	S-2456	37.00	3 15/16	205	15.90
20	32½	S-2457		40.20	3 15/16	220	18.50
21	34	S-2458	S-2459	43.80	3 15/16	235	21.90
22	35¾	S-2460	S-2461	47.60	4 7/16	260	23.80
23	37¼	S-2462	S-2463	51.40	4 7/16	290	27.80
30	48½	S-2464		79.00	4 7/16	370	61.60
38	61½	S-2466		113.00	4 7/16	450	

No. 5 C*

7▲	11¾	S-2467		$14.20	3 7/16	70	
9▲	15	S-2468	S-2469	16.60	3 7/16	90	
10▲	16¾	S-2470		18.20	3 7/16	100	
12	19½	S- 330	S- 331	21.80	3 15/16	125	
15	24½	S-2471	S-2472	27.80	3 15/16	140	$9.50
17	27½	S-2473	S-2474	32.20	3 15/16	190	11.90
19	30¾	S-2475	S-2476	37.00	3 15/16	205	15.90
20	32½	S-2477	S-2478	40.20	3 15/16	220	18.50
21	34	S-2479	S-2480	43.80	3 15/16	235	21.90
22	35¾	S-2481	S-2482	47.60	4 7/16	260	23.80
25	40½		S-2483	59.00	4 7/16	315	36.60
27	43¾	S-2484		67.00	4 7/16	330	44.20
30	48½	S-2485	S-2486	79.00	4 7/16	370	61.60

No. 6*

5▲	13¾		S-2487	$15.80	3 7/16	85	
6	16	S-2488	S-2489	18.20	3 7/16	100	
8	21	S-2490	S-2491	24.20	3 7/16	170	
9	23½	S-2492		27.20	3 7/16	210	$ 8.50
14	36		S-2493	50.00	3 15/16	300	27.00

No. 6 C*

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
6▲	16	S-2494		$18.20	3 7/16	100	
7	18½	S-2495		21.20	3 7/16	130	
8▲	21	S-2496	S-2497	24.20	3 7/16	170	
10	26	S-2498	S 2499	31.00	3 15/16	240	$10.54
14	36		S-2500	50.00	3 15/16	300	27.00

Nos. 9½* and 9½ Sp.*

6▲	6	S- 832		$5.60	1 15/16	12	
7▲	7	S- 831		6.00	1 15/16	13	
8▲	7¾	S-2501	S-2502	6.40	1 15/16	15	
9▲	8¾	S-2503	S-2504	6.80	2 7/16	20	
10▲	9¾	S-2505	S-2506	7.20	2 7/16	22	
11▲	10½	S-2507	S-2508	7.80	2 7/16	24	
12▲	11½	S-3549	S-2510	8.40	2 7/16	30	
13▲	12½	S- 833		9.00	2 7/16	36	
14	13½P	S-4274	S-4274	9.60	2 7/16	40	$1.95
15	14½	S-2512	S-2513	10.20	2 7/16	50	2.25
16	15¼	S-2514		10.80	2 7/16	54	2.40
17	16¼	S- 348	S- 349	11.60	2 7/16	58	2.80
19	18	S-2515	S-2516	12.40	2 7/16	62	3.20
20	19	S-2517		13.20	2 7/16	66	3.45
21	20	S-2518	S-2519	14.00	2 7/16	70	3.95
23	22	S-2520	S-2521	15.60	2 7/16	78	4.40
25	23¾	S-2522		17.20	2 7/16	86	5.60
31	29½	S-2523	S-2524	22.60	2 7/16	100	9.10
36	34¼P	S-4826	S-4826	27.60	2 7/16	130	13.80
42	40		S-2525	35.60	2 15/16	160	20.70

No. 12*

8▲	9¼	S-3575		$7.80	2 7/16	25	
10▲	11½	S-3574	S-3573	9.00	2 15/16	34	
11▲	12½	S-3571	S-3572	9.60	2 15/16	39	
14	16	S-3569	S-3570	12.00	3 7/16	52	$2.90
18	20¼	S-3568	S-3567	15.60	3 7/16	66	4.40
21	23¾	S-3565	S-3566	18.40	3 7/16	77	5.70
22	24¾	S-3564		19.60	3 7/16	81	6.70
28	31½	S-3562	S-3563	26.80	3 7/16	104	11.50
32	36¼		S-3561	32.60	3 7/16	144	17.60

No. 14*

5▲	7	S-2526	S-2527	$6.80	2 7/16	18	
7▲	9¼	S- 436	S-2528	8.20	2 7/16	22	
8▲	10½	S-2529	S-2530	9.00	2 7/16	28	
9▲	11¾	S-2531	S-2532	10.00	2 7/16	35	
11▲	14¼	S-2533	S-2534	12.00	2 7/16	45	
12	15½	S-1096	S-2535	13.00	2 7/16	60	
14	18	S- 521		15.00	2 7/16	63	$3.90
15	19¼	S-2536	S-2537	16.00	2 15/16	66	4.20
16	20½	S-2538		17.00	2 15/16	70	4.75
17	22P	S-4831	S-4831	18.20	2 15/16	75	5.10
18	23P	S-2539	S-2539	19.60	2 15/16	80	6.10
19	24½	S-1095	S-2540	21.00	2 15/16	85	7.20
23	29½	S-2541	S-2542	26.60	2 15/16	100	10.70
27	34½	S-2543	S-2544	32.20	2 15/16	130	16.10
31	39½	S-2545	S-2546	38.00	2 15/16	165	22.10
37	47¼	S-2547	S-2548	49.60	2 15/16	180	36.70

No. 14½*

7▲	9	S-2549		$8.20	2 7/16	22	
8▲	10½	S-1138	S- 894	9.00	2 7/16	28	
9▲	11¾	S-2550	S- 915	10.00	2 7/16	35	
11▲	14¼	S- 374		12.00	2 7/16	45	
12▲	15½	S- 463	S-2551	13.00	2 15/16	60	
15	19¼	S- 978	S-2552	16.00	2 15/16	66	$4.20
16	20½	S-2553	S-2554	17.00	2 15/16	70	4.75
17	22P	S-2555	S-2555	18.20	2 15/16	75	5.10
19	24½	S-2556	S-2557	21.00	2 15/16	85	7.20

▲ Plate Center Wheels; all others have arms.
* Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Malleable Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 14½* (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
23	29½	S-2558	S-2559	$26.60	2 15/16	100	$10.70
27	34½	S-2560	S-2561	32.20	2 15/16	130	16.10
31	39½	S-2562	S-2563	38.00	2 15/16	165	22.10
37	47¼	S-2564		49.60	2 15/16	180	36.70

No. 17*

5▲	4½	S-2091	S-2092	$5.40	1 15/16	7	
6▲	5¼	S-2093	S-2094	5.60	1 15/16	10	
7▲	6	S-2095	S-2096	5.80	1 15/16	13	
8▲	6¾	S-2097	S-2098	6.20	1 15/16	15½	
9▲	7½	S-2099	S-2100	6.60	2 7/16	18	
10▲	8½	S-2101	S-2102	7.00	2 7/16	20	
11▲	9¼	S-2103	S-2104	7.40	2 7/16	25	
12▲	10	S-2105	S-2106	7.80	2 7/16	28	
14▲	11½	S-3588	S-2108	8.60	2 7/16	32	
15▲	12½	S-2109	S- 378	9.00	2 7/16	35	
16▲	13¼	S-2110		9.60	2 7/16	38	
18▲	15	S-2111	S- 873	10.60	2 7/16	41	
19▲	15¾	S-2112	S-2113	11.00	2 7/16	44	
22	18	S-2114	S-2115	12.80	2 7/16	55	$3.35
24	19¾	S-2116		14.20	2 7/16	60	3.70
28	23	S-2118		16.60	2 7/16	76	5.10
29	24	S- 940	S-2119	17.00	2 7/16	80	5.30
30	24¾		S-2120	17.60	2 7/16	85	6.00
34	28	S-2121	S-2122	20.40	2 7/16	92	7.60
36	29½	S-2123	S-2124	22.40	2 7/16	100	9.00
39	32	S-2125		25.40	2 7/16	110	11.70
43	35¼	S-2126	S-2127	29.40	2 7/16	135	14.70
44	36¼		S-2128	30.60	2 7/16	140	16.60
46	39½	S-2129		33.20	2 7/16	150	19.30
54	44¼	S-2130		43.80	2 7/16	180	30.70
58	47½	S-2131		49.00	2 7/16	200	36.30
72	59	S-3587			2 7/16	350	

No. 18*

6▲	6	S-2565	S-2566	$6.00	1 15/16	15	
7▲	7	S-2567		6.40	1 15/16	17	
8▲	8	S-2568	S-2569	6.80	2 7/16	22	
9▲	9	S-2570	S-2571	7.20	2 7/16	25	
10▲	9¾	S-2572	S-2573	7.60	2 7/16	28	
11▲	10¾	S-2574	S-2575	8.00	2 7/16	31	
12▲	11¾	S-2576	S-2577	8.60	2 15/16	37	
13	12¾	S-2578	S-2579	9.20	2 15/16	40	$1.80
14	13½	S- 589	S- 780	9.80	2 15/16	43	1.95
15	14½	S-2580	S-2581	10.40	2 15/16	46	2.30
16	15½	S-2582	S-2583	11.00	2 15/16	49	2.40
17	16½	S-2584	S-2585	11.60	2 15/16	52	2.80
18	17½	S-2586	S-2587	12.20	2 15/16	55	2.95
19	18½	S-3594	S-2588	12.80	2 15/16	58	3.35
20	19½	S-2589	S-2590	13.40	2 15/16	61	3.50
21	20¼	S-2591	S-2592	14.20	2 15/16	64	4.00
25	24¼	S- 588	S-2593	17.40	2 15/16	76	6.00
26	25	S-1081	S-2594	18.40	2 15/16	79	6.30
28	27	S-2595	S-2596	20.40	2 15/16	85	7.60
32	31	S- 600	S-2597	24.80	2 15/16	100	10.70
35	33¾	S-2598		28.40	2 15/16	112	13.10
37	35¾	S-2599	S-2600	30.80	2 15/16	120	15.40
38	36¾	S-2601		32.00	2 15/16	125	17.30
42	40½	S-2602	S-2603	37.40	2 15/16	145	23.20
46	44½	S-2604		43.40	2 15/16	170	30.40
50	48¼	S-2605	S-2606	49.60	2 15/16	210	38.70
59	57	S-3935		72.00	2 15/16	300	68.40

No. 21 C*

5▲	4¼	S-2607	S-2608	$5.00	1 3/16	10	
6▲	5	S-2609		5.20	1 15/16	11	
8▲	6½	S-2610	S-2611	5.80	1 15/16	14	
10▲	8¼	S-2612		6.60	2 7/16	18	

No. 21 C* (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
12▲	9¾P	S-2613	S-2613	$7.40	2 7/16	22	
14	11¼P	S- 132	S- 132	8.20	2 7/16	27	$1.65
15	12	S-2615	S-2616	8.60	2 7/16	30	1.70
17	13¾P	S- 133	S- 133	9.40	2 7/16	35	1.90
19	15¼	S-2617	S-2618	10.40	2 7/16	42	2.30
23	18½	S-2619	S-2620	12.40	2 7/16	50	3.20
30	24	S-2621	S-2622	16.60	2 15/16	65	5.60

No. 22 C*

6▲	6¼P	S- 116	S- 116	$6.20	1 15/16	15	
8	8	S-2623		7.00	1 15/16	22	$1.40
9	9	S-2624	S-2625	7.40	2 7/16	25	1.50
12	12	S-2626	S-2627	9.20	2 7/16	37	1.85
16	16	S-2628	S-2629	11.60	2 7/16	54	2.55
18	18	S-2630	S-2631	12.80	2 7/16	62	3.10
20	19¾	S-2632	S-2633	14.40	2 7/16	66	3.75
21	21P	S- 134	S- 134	15.20	2 15/16	72	4.30
24	23¾	S-2634	S-2635	17.60	2 15/16	82	5.50
28	27¾	S-2636		22.00	2 15/16	100	8.10
30	29¾	S-2637	S-2638	24.20	2 15/16	110	9.70
36	35½	S-2639	S-2640	32.00	2 15/16	130	16.00

No. 23 C*

4▲	5¾	S-2641		$6.00	1 3/16	15	
5▲	7	S-2642	S-2643	6.60	1 15/16	18	
7▲	9½		S-2644	8.00	2 7/16	28	
9▲	12	S-2645	S-2646	9.40	2 7/16	40	
12	15¾	S-2647	S-2648	11.80	2 15/16	60	$2.60
14	18¼	S-2649	S-2650	13.60	2 15/16	72	3.55
16	20¾	S-2651	S-2652	15.60	2 15/16	80	4.40
18	23¾	S-2653	S-2654	17.80	2 15/16	90	5.50
23	29¾	S-2655	S-2656	25.20	2 15/16	120	10.10
35	45	S-2657	S-2658	46.60	2 15/16	200	32.60

No. 40½*

7▲	9¼	S-2659		$7.20	2 7/16	28½	
8▲	10½	S-2660	S-2661	7.80	2 7/16	30	
12	15½	S-2662	S-2663	10.80	2 15/16	35	$2.40
15	19¼	S-2664		13.20	2 15/16	50	3.45
17	21¾P	S-2665	S-2665	15.60	2 15/16	53	4.65
19	24¼	S-2666	S-2667	18.00	2 15/16	55	6.20
23	29½	S-2668	S-2669	23.60	2 15/16		9.50
31	39½	S-3681	S-2670	35.40	2 15/16		20.60

No. 52

6▲	3	S-3701		$3.10	15/16	4½	
7▲	3½	S-3703	S-3702	3.40	1 3/16	5	
8▲	4	S-3705	S-3704	3.70	1 7/16	5½	
10▲	4¾	S-3706		4.00	1 15/16	6	
11▲	5½	S-3708	S-3707	4.30	1 15/16	8	
12▲	5¾	S-3710	S-3709	4.60	1 15/16	9	
14▲	6¾		S-3711	5.20	1 15/16	11	
16▲	7¾	S-3714	S-3713	5.80	1 15/16	13	
17▲	8¼	S-3716	S-3715	6.10	1 15/16	14	
20	9½	S-3718	S-3717	6.40	1 15/16	17	$1.30
21	10	S-3719		6.60	1 15/16	18	1.30
22	10½	S-3720		6.90	1 15/16	20	1.40
24	11½	S-3722	S-3721	7.50	1 15/16	22	1.50
25	12	S-3724	S-3723	7.80	1 15/16	23	1.55
29	14	S-3726	S-3725	9.00	1 15/16	28	2.00
34	16¼	S-3728		10.10	1 15/16	34	2.40
37	17¾	S-3729		11.00	1 15/16	37	2.65
42	20	S-3732	S-3721	12.50	1 15/16	47	3.50
46	22	S-3733		13.40	1 15/16	55	4.20
50	24	S-3734		14.60	1 15/16	58	5.00
52	24¾	S-3735		15.20	1 15/16	62	5.20
53	25½		S-3736	15.50	1 15/16	64	5.30
64	30½	S-3738	S-3737	19.40	1 15/16	79	8.30

▲ Plate Center Wheels; all others have arms.
* Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Malleable Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 52 (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
67	32	S-3739		$20.60	1 15/16	88	$ 9.50
84	40	S-3740		29.20	1 15/16	130	18.10

No. 62

Use No. 62 Detachable Sprockets. Page 132

No. 77

6▲	4 1/2	S-3771		$5.00	1 7/16	9	
7▲	5 1/4	S-3773	S-3772	5.30	1 11/16	11	
8▲	6	S-3775	S-3774	5.60	1 15/16	12	
9▲	6 3/4	S-3777	S-3776	5.90	2 3/16	13	
10▲	7 1/2	S-3779	S-3778	6.20	2 7/16	14	
11▲	8 1/4	S-3780	S-3781	6.60	2 7/16	17	
12▲	9	S-3782		7.00	2 7/16	20	
13▲	9 1/2	S-3783	S-3784	7.40	2 7/16	22	
14▲	10 1/4	S-3785	S-3786	7.80	2 7/16	24	
15▲	11	S-3787		8.20	2 7/16	28	
16▲	11 3/4	S-3788	S-3789	8.60	2 7/16	32	
18▲	13 1/4	S-3790	S-3791	9.40	2 7/16	41	
19	14		S-3792	9.80	2 7/16	48	$2.15
20	14 3/4	S-3794	S-3793	10.20	2 7/16	51	2.25
22	15	S-3796	S-3795	11.00	2 7/16	57	2.65
25	18 1/4	S-3797	S-3798	12.40	2 7/16	60	3.20
27	19 3/4	S-3799		13.20	2 7/16	68	3.40
30	22	S-3800	S-3801	15.00	2 7/16	80	4.70
33	24	S-3802	S-3814	16.80	2 7/16	85	5.70
35	25 1/2	S-3804	S-3803	18.20	2 7/16	88	6.20
40	29 1/4	S-3805	S-3806	22.40	2 7/16	100	9.00
43	31 1/2	S-3808	S-3807	25.00	2 7/16	115	10.80
49	35 3/4	S-3809		30.40	2 7/16	135	16.40
54	39 1/4	S-3810		35.20	2 7/16	160	20.40

No. 124*

6▲	8 1/4		S-2698	$9.60	2 15/16	20	
7▲	9 1/2	S-2699		10.60	2 15/16	25	
9▲	12	S-2700	S-2701	12.60	2 15/16	40	
10▲	13	S-2702	S-2703	13.60	3 7/16	53	
11▲	14 1/2	S-2704	S-2705	14.60	3 7/16	59	
12	15 3/4	S-2706	S-2707	15.60	3 7/16	65	$3.45
13	17		S-2708	16.60	3 7/16	70	4.00
14	18 1/4	S- 491	S-2709	18.00	3 7/16	77	4.70
15	19 1/2	S-2710	S-2711	19.40	3 7/16	83	5.10
16	20 3/4	S-1073	S-2712	20.80	3 7/16	90	5.90
18	23 1/4	S-2713	S- 490	23.60	3 7/16	107	7.40
19	24 1/2	S-2714	S-2715	25.00	3 7/16	114	8.50
20	26	S-2716	S-2717	26.40	3 7/16	120	9.80
21	27 1/4	S- 624	S- 599	27.80	3 7/16	130	10.30

No. 124* (Continued)

24	31	S-2718	S-2719	$32.40	3 7/16	154	$14.00
26	33 1/2	S-2720	S-2721	35.80	3 7/16	170	16.50
28	36	S-2722	S-2723	39.40	3 15/16	190	21.30
31	40	S-1074	S-2724	45.40	3 15/16	235	28.20
33	42 1/2	S-2430		49.40	3 15/16	254	32.60
35	45	S-1133		54.20	3 15/16	313	38.00
37	47 3/4	S-2725	S-2726	59.00	3 15/16	308	43.70
46	59 1/4	S-2727		92.00	4 15/16	450	92.00
56	72 1/2		S-2728	129.00	4 15/16	725	
60	77 1/4	S-2729	S-2730	144.00	4 15/16	775	

Nos. 126* and 156*

5▲	10 1/4	S-2731		$11.80	2 15/16	30	
6▲	12	S- 327	S- 325	13.00	2 15/16	40	
7▲	14	S- 452	S-2732	14.40	3 7/16	50	
8▲	15 3/4	S-4798		15.80	3 7/16	70	
9▲	17 1/2	S- 453	S- 451	17.40	3 7/16	90	
10	19 1/2	S- 546	S-2734	19.40	3 7/16	110	$5.10
12	23 1/4	S-2735	S- 455	23.40	3 7/16	140	7.30
13	25	S-2736	S-2737	25.40	3 7/16	156	8.70
14	27	S-2738	S- 829	27.40	3 15/16	175	10.10
15	29	S- 667	S-2739	29.80	3 15/16	185	11.90
18	34 1/2	S- 682	S-2740	36.80	3 15/16	195	18.40
19	36 1/2	S-2741	S-2742	39.80	3 15/16	210	21.50
22	42 1/4	S-2743		49.00	3 15/16	250	32.40

Nos. 126C* and 156C*

6▲	12P	S- 928	S- 928	$13.00	2 15/16	40	
7▲	13	S- 370		14.40	3 7/16	50	
8▲	15 3/4P	S- 652	S- 652	15.80	3 7/16	70	
9▲	17 1/2P	S- 876	S- 876	17.40	3 7/16	90	
10	19 1/2	S- 874	S-2748	19.40	3 7/16	110	$5.10
11	21 1/4	S-2749		21.40	3 7/16	125	6.00
12	23 1/4P	S- 872	S- 872	23.40	3 7/16	140	7.30
13	25	S-2750	S-2751	25.40	3 7/16	156	8.70
14	27	S-1047	S-1142	27.40	3 15/16	175	10.10
15	29	S-2752	S-2753	29.80	3 15/16	185	11.90
16	30 3/4P	S-2754	S-2754	32.00	3 15/16	190	13.80
18	34 1/2	S-2755	S- 122	36.80	3 15/16	195	18.40
19	36 1/2	S-2757	S-2756	39.80	3 15/16	210	21.50
22	42 1/4	S- 995		49.00	3 15/16	250	32.40
25	48	S- 103	S-1048	60.00	3 15/16	360	46.80
31	59 1/4	S-2758	S-2759	89.00	3 15/16	450	89.00

No. 1130*

10▲	19 1/2P	S-4866	S-4866	$19.40	3 7/16	112	
13	25 P	S-4867	S-4867	25.40	3 7/16	175	
16	30 3/4P	S-4868	S-4868	32.00	3 15/16	213	

Jeffrey Sprockets for Steel Thimble Roller Chains

No. 17* and S. S. 520

6▲	5 1/4	S-1069	S-2760	$6.20	1 15/16	8	
7▲	6	S- 445	S- 444	6.60	1 15/16	11	
8▲	6 3/4	S- 688	S- 462	7.00	1 15/16	12	
9▲	7 1/2	S-2761	S-2762	7.40	2 3/16	17	
10▲	8 1/4	S-2763	S-2764	7.80	2 3/16	21	
11▲	9	S- 776	S-2765	8.40	2 3/16	24	
12▲	10	S- 871	S-1014	9.00	2 7/16	27	
14▲	11 1/2	S- 987	S-2766	10.20	2 7/16	36	
15▲	12 1/4	S-2767	S-1012	10.80	2 7/16	40	
16▲	13	S-2768	S-2769	11.40	2 7/16	41	
17	14	S-2770		12.00	2 7/16	43	$2.40
18	14 3/4	S-2771	S-2772	12.60	2 7/16	46	2.80
20	16 1/2	S-2773	S-2774	13.80	2 7/16	50	3.35
22	18	S-1087	S-2775	15.00	2 7/16	52	3.90
24	19 1/2	S-1109	S-2776	16.20	2 7/16	60	4.30

No. 17* and S. S. 520 (Continued)

25	20 1/2	S-2777	S- 626	$17.00	2 7/16	70	$ 4.80
27	22	S- 841		18.60	2 7/16	80	5.80
28	23	S-2778	S-2779	19.40	2 7/16	81	6.10
29	23 3/4	S-1001	S-2780	20.20	2 7/16	82	6.30
30	24 1/2	S-1088	S-2781	21.00	2 15/16	86	7.20
31	25 1/4	S-2782		21.80	2 15/16	88	7.50
33	27	S-2783	S-2784	23.40	2 15/16	90	8.70
34	27 3/4P	S-2785	S-2785	24.20	2 15/16	95	9.00
36	29 1/4	S- 933	S- 676	26.00	2 15/16	115	10.40
40	32 3/4P	S- 497	S- 497	29.60	2 15/16	130	13.70
42	34 1/4	S-2786	S-2787	32.00	2 15/16	135	16.00
43	35	S-1089	S-2788	33.20	2 15/16	140	16.60
44	35 3/4	S-1091	S-2789	34.40	2 15/16	145	18.60
48	39	S- 689	S-2790	41.00	2 15/16	160	23.80
52	42 1/4	S- 842		48.20	2 15/16	170	31.90

▲ Plate Center Wheels; all others have arms.
* Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprockets for Steel Thimble Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 17* and S. S. 520 (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
58	47¼	S- 959	S-2791	$59.00	2 15/16	200	$43.70
60	48¾	S- 418		62.60	2 15/16	220	48.90
72	58¾	S-3651		84.20	2 15/16	350	84.20

No. 27*

6▲	6	S-2792		$7.60	2 7/16	18	
7▲	7	S-2793	S-2794	8.20	2 7/16	19	
8▲	7¾	S- 512		8.80	2 7/16	20	
9▲	8¾	S- 579	S- 364	9.40	2 7/16	21	
10▲	9¾	S-2795		10.00	2 7/16	24	
11▲	10½	S-2797	S-2798	10.60	2 7/16	26	
12	11½	S- 938	S-2799	11.40	2 15/16	29	
13	12½	S-2801	S-2800	12.20	2 15/16	37	
14	13½P	S-1124	S-1124	13.00	2 15/16	47	
15▲	14½	S- 809	S-2802	13.80	2 15/16	56	
16	15¼	S-2803	S-2804	14.60	2 15/16	58	$3.25
17	16¼P	S-2805	S-2805	15.40	2 15/16	60	3.70
18	17¼	S-2308		16.20	2 15/16	65	3.90
19	18	S-2806		17.00	2 15/16	70	4.50
20	18½	S-3655		17.80	2 15/16	75	4.70
22	21	S-3386		19.40	2 15/16	83	5.50
23	22	S-1140	S-2807	20.20	2 15/16	86	5.70
24	23	S-1134		21.00	2 15/16	90	6.50
25	23¾	S-2318	S- 619	22.00	2 15/16	95	6.80
29	27½	S-2808		26.00	2 15/16	115	9.60
32	30½	S-2809		29.00	2 15/16	130	12.50
36	34¼	S-2810		34.00	2 15/16	146	17.00
38	36	S-2811		36.80	3 7/16	150	19.90
44	41¾	S-2812	S-2813	45.80	3 7/16	165	28.40
45	42¾	S-2814		47.80	3 7/16	170	31.60
63	59¾	S-3654		86.00	3 7/16	350	86.00
75	71	S-3650		113.00	3 7/16	428	

No. 27* Sp.

Use No. 1 M. R. Sprockets. Page 138

No. S. S. 40*

Use No. 103 Detachable Sprockets. Page 133

No. 112*

6▲	8	S-2815	S-2816	$11.20	2 7/16	45	
7▲	9¼	S- 522	S- 875	12.20	2 7/16	50	
8▲	10½	S- 528	S- 553	13.20	2 15/16	55	
9▲	11¾	S-1120	S-2817	14.20	3 7/16	70	
10▲	13	S-2818	S-2819	15.20	3 7/16	75	
11▲	14½	S- 965	S-2820	16.20	3 15/16	80	
12▲	15½	S- 305	S-2821	17.40	3 15/16	90	
13▲	17	S- 672	S- 639	18.80	3 15/16	100	
14▲	18¼	S-2822	S-2823	20.20	3 15/16	120	
15▲	19½	S-2824	S-2825	21.80	3 15/16	135	
16	20¾P	S-2826	S-2826	23.40	3 15/16	150	$6.60
17	22	S- 853	S-2827	25.00	3 15/16	165	7.80
18	23¼	S-2828	S-2829	26.60	3 15/16	175	8.30
19	24½	S-1055	S-2830	28.40	3 15/16	185	9.70
20	25¾	S-2831	S- 852	30.20	3 15/16	200	10.30
22	28½	S-2832		33.80	3 15/16	220	13.50
23	29¾	S-2833	S-2834	35.60	3 15/16	240	14.30
24	31	S- 637	S-2835	37.60	3 15/16	260	16.20
26	33½	S-2836	S-3938	43.20	3 15/16	275	19.90
28	36	S-2837	S-2838	49.00	3 15/16	290	26.50
31	40	S- 640	S-2839	58.00	3 15/16	300	36.00
33	42½	S-2840		64.00	3 15/16	330	42.30
37	47¾		S-2841	76.80	3 15/16	400	56.90
40	51½P	S- 105	S- 105	86.40	4 15/16	475	70.90
46	59	S- 503	S-2842	107.60	4 15/16	600	107.60

No. 116*

7	14	S-2843	S-2844	$16.00	3 15/16	75	
10	19½	S-2845		21.60	3 15/16	157	

No. 116* (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
11▲	21¼	S-4361		$24.00	3 15/16	164	
12	23¼	S-2847	S-2848	26.40	3 15/16	170	$8.20
13	25¼		S-2849	29.00	3 15/16	185	9.90
14	27	S-2850	S-2851	31.60	3 15/16	200	11.70
15	29	S-2852	S-2853	34.20	3 15/16	242	13.70
21	40¼	S-2855	S-2856	58.80	3 15/16	410	36.50
28	53½	S-2857		92.00	3 15/16	573	79.10
50	95½	S-2858				1288	

No. 116½*

Use No. 126C M. R. Sprockets. Page 141

No. 117

6▲	12	S-3954	S-3955	$23.00	4 7/16	120	
9▲	17½	S-3956	S-3957	26.40	4 15/16	168	
10	19½		S-3958	29.40	4 15/16	180	$7.70
11	21½		S-3959	34.40	4 15/16	230	9.70
12	23¼	60444		39.40	4 15/16	300	12.30
16	30¾	S-3965		59.60	4 15/16	400	25.70
20	38¼	S-3960	S-3961	83.60	5 7/16	560	48.50
21	40¼	S-3963	S-3962	89.60	5 7/16	630	55.60
27	51½	S-3964		126.00	5 15/16	850	

No. 120*

Use No. 103 Detachable Sprockets. Page 133

No. SS 124*

Use No. 124 Detachable Sprockets. Page 134

No. 149*

6▲	8	S-2859	S-2860	$9.00	2 7/16	25	
7▲	9¼P	S-2861	S-2861	9.80	2 7/16	30	
8▲	10½P	S- 968	S- 968	10.60	2 15/16	35	
9▲	11¾	S-2862	S-2863	11.60	2 15/16	45	
11▲	14¼	S-2864	S-2865	13.80	2 15/16	65	
12▲	15½P	S-2866	S-2866	15.00	3 7/16	80	
14	18P	S-4836	S-4836	17.40	3 7/16	90	$4.50
16	20½P	S-2867	S-2867	19.80	3 7/16	110	5.60
18	24	S-3998		22.20	3 7/16	130	6.90
19	24½		S-4192	23.40	3 7/16	150	8.00

No. 152

7▲	4¼	S-2936	S-2937	$3.80	1 5/16	5½	
8▲	4¾	S-2938	S-2939	4.00	1 5/16	6	
9▲	5½	S-2940	S-2941	4.20	1 7/16	7	
10▲	6	S-2942	S-2943	4.40	1 7/16	8	
11▲	6½	S-2944		4.80	1 11/16	10	
12▲	7	S-2945		5.20	1 11/16	12	
13▲	7¾	S-2946	S-2947	5.40	1 15/16	14	
14▲	8¼	S-2948	S-2949	5.80	1 15/16	15	
16	9½	S-2950	S-2951	6.30	1 15/16	17	
17	10	S-2952		6.60	1 15/16	18	
18	10½	S-2953	S-2954	6.90	2 7/16	20	
19	11¼	S-2955		7.20	2 7/16	21	
20	11¾	S-2956		7.50	2 7/16	23	
21	12½	S-2957	S-2958	7.80	2 7/16	25	
24	14	S-2959	S-4026	8.60	2 7/16	30	
26	15¼	S-2960		9.40	2 7/16	32	
28	16½	S-2961	S-2962	10.30	2 7/16	35	
34	20	S-2963	S-2964	12.30	2 7/16	46	
40	23½P	S-2965	S-2965	14.40	2 7/16	58	
42	24¾	S-4027		15.20	2 7/16	62	
44	25¾	S-2966		16.00	2 7/16	66	
48	27¾	S-2967		17.00	2 7/16	70	
49	28¾		S-2968	18.00	2 7/16	75	
64	37½	S-4028		30.00	2 7/16	120	

Nos. 180* and 276*

5▲	20½	S-2869		$23.00	2 15/16	150	
6▲	24	S-2870	S- 816	28.00	2 15/16	190	
8	31½	S- 943	S-3467	39.00	3 7/16	230	$16.80

▲ Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprockets for Steel Thimble Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

Nos. 180* and 276* (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
9	35¼	S- 372	S-1123	$47.00	3 7/16	280	$23.50
10	39P	S-2871	S-2871	55.00	3 7/16	350	31.90
12	46½P	S- 139	S- 139	73.00	3 7/16	450	54.00
14	54	S-2872		94.00	4 7/16	550	84.60

Nos. 182* and 182½*

4▲	25½	S-2872		$36.00	3 7/16	240	
5	30¾	S-2874	S-2875	48.00	3 7/16	280	$20.60
6	36	S- 982	S- 920	64.00	3 7/16	370	34.60
7	41½	S-2876	S-2877	82.00	3 15/16	450	50.80
8	47	S- 941	S-2878	101.00	4 7/16	550	74.70
10	58¼P	S-1110	S-1110	140.00	4 15/16	750	140.00

No. 234* Use No. 1114 Sprockets Page 144

No. 276* Use No. 180 Sprockets Page 142

No. 301* Use No. 114 Detachable Sprockets Page 134

No. 433½* Use No. 88 Detachable Sprockets Page 133

No. SS 520* Use No. 17 Sprockets. Page 141

No. 575*

7▲	11¾	S-2879		$15.60	3 7/16	105	
9▲	14¾	S-2880		18.20	3 7/16	135	
10▲	16½P	S-2881	S-2881	19.80	3 7/16	180	
13▲	21¼	S-2882	S-2883	26.00	4 7/16	200	
16	26P	S-2884	S-2884	33.00	4 7/16	220	$12.20
22	35½	S-2885		52.00	4 15/16	325	26.00
23	37¼		S-2886	56.50	4 15/16	350	30.50
30	48½	S-2887		87.00	4 15/16	510	67.80
36	58	S-2888		114.00	5 7/16	725	108.00

No. 809* and No. 982*

5▲	15½P	S-1079	S-1079	$17.20	2 15/16	65	
6▲	18	S- 862	S- 863	20.00	2 15/16	80	
7▲	20¾P	S-3335	S-3335	23.40	2 15/16	110	
8	23½	S- 865	S- 866	27.00	2 15/16	130	$8.40
10	29¼P	S-4814	S-4814	34.20	3 7/16	180	13.70
12	34¾P	S-1137	S-1137	45.80	3 7/16	210	22.90

No. 946

10▲	6½P	S-4749	S-4749	$7.00	1 15/16	11	
12▲	7¾P	S-4750	S-4750	7.60	2 3/16	18	

No. 950*

8▲	4P	S-2889	S-2889	$5.00	15/16	11	
10▲	5P	S- 755	S- 755	5.40	1 7/16	13	
11▲	5½P	S- 740	S- 740	5.60	1 15/16	14	
12▲	5¾P	S- 741	S- 741	5.80	1 15/16	16	
13▲	6¼P	S- 743	S- 743	6.00	1 15/16	18	
14▲	6¾P	S- 542	S- 542	6.20	2 3/16	22	
15▲	7¼P	S- 742	S- 742	6.40	2 7/16	24	
18▲	8¾P	S-4018	S-4018	7.00	2 7/16	26	
21▲	10P	S-2890	S-2890	7.80	2 7/16	28	
25▲	12P	S-2891	S-2891	9.00	2 7/16	33	
28	13½P	S-2892	S-2892	9.80	2 7/16	38	
30	14½P	S-2893	S-2893	10.60	2 7/16	44	$2.35
40	19¼P	S-4861	S-4861	14.20	2 7/16	70	3.70
45	21½P	S-3384	S-3384	16.20	2 15/16	80	4.50
57	27¼P	S-2894	S-2894	21.00	2 15/16	100	7.80

No. 951* Use No. 126C M. R. Sprockets Page 141

No. 982* Use No. 809 Sprockets Page 143

No. 987* also 1093*-1164* 1169*-1170*-1184* and 1198*—Solid Wheels

No. of Teeth	Approx Pitch Diam. in.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
6†	48	29280		$90.00	4 7/16	425	
8†	62¾P	29360	29360	135.00	5 7/16	850	

No. 987* also 1093* 1164*-1169*-1170*-1184* and 1198*—Renewable Rim

6†	48	61769 61760		$175.00	4 15/16	600	
8†	62¾P	61756 61757	61756 61757	225.00	5 15/16	1100	

No. 1007*

6▲	12P	S-2895	S-2895	$14.40	3 7/16	85	
10▲	19½P	S-2896	S-2896	21.60	3 15/16	140	
12	23¼P	S-4579	S-4579	26.40	3 15/16	150	
13	25P	S-4820	S-4820	29.00	3 15/16	160	
15▲	29P	S- 849	S- 849	34.20	3 15/16	200	
16	30¾P	S- 121	S- 121	37.00	3 15/16	230	$15.90
20	38½P	S-3611	S-3611	54.40	3 15/16	300	31.60

No. 1018* and No. 1168*—Solid Wheels

6†	36	29824		$50.00	3 15/16	250	
8†	47P	29822	29822	80.00	4 15/16	400	

No. 1018* and No. 1168* Renewable Rim

6†	36	61913 61914		130.00	3 15/16	400	
8†	47P	61915 61916	61915 61916	180.00	4 15/16	600	

No. 1072* also No. 1150*-1175* Solid Wheels

7†	69¼	S-1083		170.00	4 15/16	850	
8†	78¼P	S-3250	S-3250	220.00	5 15/16	1060	

No. 1072* Renewable Rim

7	69¼P	63453 63454	63453 63454	350.00	4 15/16	1250	
8	78¼P	63455 63456	63455 63456	450.00	5 15/16	1800	

No. 1076 and No. 1076½—Renewable Teeth

6	60P	61510 61479⊙	61510 61479⊙	450.00	5 15/16	1150	
8	78½P	61511 61479⊙	61511 61479⊙	680.00	5 15/16	2000	

No. 1078* Use No. 180 Sprockets Page 142

No. 1086—Renewable Teeth

6	48P	61478 61479⊙	61478 61479⊙	430.00	5 15/16	900	

No. 1087*

6	24	S-4379	S-4380	$ 31.00	3 7/16	200	$10.50
8	31½	S-4172	S-4171	44.00	3 7/16	240	19.00
12	46½	S-3379	S-4173	86.00	4 7/16	400	63.60

No. 1092*

6	36P	S- 107	S- 107	$100.00	5 15/16	400	
8	47P	S-4834	S-4834	150.00	5 15/16	600	

No. 1093* Use No. 987 Sprockets

No. 1094 Use No. 77 Det. Sprockets. Page 132

No. 1095* Use No. 180 Sprockets. Page 142

No. 1105* Use No. 182 Sprockets. Page 143

No. 1107* Use No. 180 Sprockets. Page 142

▲ Plate Center Wheels; all others have arms.
* Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.
⊙ Cast Steel Teeth.
† Indicates Wheels furnished with Chilled Rim only.

Jeffrey Sprockets for Steel Thimble Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 1114* and No. 234

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
5▲	6	S-2897	S-2898	$8.00	1 7/16	23	
6▲	7	S-2899		8.80	2 3/16	26	
7▲	8	S-2901	S-2902	9.60	2 7/16	33	
8▲	9¼	S- 679	S-2903	10.40	2 7/16	38	
9▲	10¼	S-2904	S-2905	11.20	2 7/16	45	
10▲	11½	S- 320	S- 877	12.20	2 15/16	54	
11▲	12½	S-2906	S-2907	13.20	2 15/16	56	
12▲	13½	S-2908	S- 366	14.20	2 15/32	60	
13▲	14¾	S-2909		15.20	2 15/16	64	
14▲	15¾	S-2911	S-2912	16.20	2 15/16	68	
15	17	S-2913	S-2914	17.20	2 15/16	72	$4.10
16	18	S- 848	S- 340	18.20	2 15/16	76	4.40
17	19	S-2915	S-2916	19.20	2 15/16	80	5.00
18	20¼	S-2917	S-2918	20.20	2 15/16	90	5.70
19	21¼	S- 449	S-2919	21.20	2 15/16	95	5.90
20	22½	S-2920	S-1092	22.20	2 15/16	100	6.90
21	23½	S-2921	S- 630	23.40	2 15/16	110	7.30
22	24½	S-2922		24.60	2 15/16	125	8.40
24	26¾	S- 461		27.40	2 15/16	140	10.10
25	28	S-1068	S-2923	28.80	2 15/16	145	10.70
27	30¼	S- 984	S-2924	31.60	2 15/16	160	13.60
29	32½	S-2925	S-2926	34.40	2 15/16	170	15.80
32	35¾	S- 525	S-2927	38.80	3 7/16	200	19.40
33	37		S-2928	40.40	3 7/16	210	21.80
35	39	S-2929		43.80	3 7/16	230	25.40
36	40¼	S- 657	S-2930	45.60	3 7/16	240	28.30
38	42½	S- 927	S-2931	49.20	3 7/16	260	32.50
43	48	S-1141	S-2932	60.00	3 7/16	310	44.40
50	56	S-2671	S-2933	79.60	3 7/16	400	75.60
56	62½	S -450		97.00	3 7/16	475	

No. 1120*

6	24P	S-3375	S-3375	$28.00	2 15/16	200	
9	35P	S-3376	S-3376	47.00	3 7/16	300	

No. 1126*

Use No. 126 M. R. Page 141

No. 1126C*

Use No. 126C M. R. Page 141

No. 1144*

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
6	36P	S-3952	S-3952	$64.00	3 7/16	370	$34.60
8	47P	S-3953	S-3953	101.00	4 7/16	550	74.70

No. 1164

Use No. 987 Sprockets. Page 143

No. 1168

Use No. 1018 Sprockets. Page 143

No. 1169

Use No. 987 Sprockets. Page 143

No. 1170

Use No. 987 Sprockets. Page 143

No. 1175

Use No. 1072 Sprockets. Page 143

No. 1184

Use No. 987 Sprockets. Page 143

No. 1187

Use No. 1092 Sprockets. Page 143

No. 1197

Use No. 1092 Sprockets. Page 143

No. 1198

Use No. 987 Sprockets. Page 143

No. 1199

Use No. 809 Sprockets. Page 143

No. 1208*

6	48P	S-4833	S-4833	$90.00	4 7/16	425	

No. 1234

Use No. 1114 Sprockets. Page 144

No. 3007

Use No. 1007 Sprockets. Page 143

Jeffrey Sprocket Wheels for Vulcan Chains

No. 119*

4▲	21	S-2969	S-1105	$22.60	3 7/16	150	
5	26	S-2970	S-2971	28.60	3 7/16	180	$11.40
6	31	S-1094	S-2972	35.00	3 7/16	200	15.10
7	36	S-1103	S-2973	42.00	3 15/16	240	22.70
9	46P	S-4582	S-4582	62.00	3 15/16	320	45.90
12	61¼P	S-2974	S-2974	102.00	4 7/16	500	

No. 144*

7	18	S-4021		$11.40	2 15/16	55	$3.00
9	23	S-4022		14.20	2 15/16	68	4.40

No. 211*

Use No. 526

No. 241*

Use No. 526

No. 287*

8	20½P	S-4228	S-4228	$21.00	2 15/16	100	$5.90

No. 313* and 313½*

5▲	19½	S-2975		$18.00	3 7/16	110	
6	23¼	S- 840		22.00	3 7/16	140	$6.80
7	27P	S-2976	S-2976	26.00	3 7/16	180	9.60
8	30¾P	S- 673	S- 673	30.40	3 7/16	200	13.10
9	34½P	S-2977	S-2977	34.80	3 7/16	220	17.40
10	38¼	S-2978	S-2979	40.80	3 15/16	260	23.70
16	61¼P	S-4493	S-4493	96.00	4 7/16	460	

No. 327*

4▲	15¾	S-2980		$17.00	3 7/16	120	
5	19½	S- 569		21.00	3 7/16	140	$5.50
6	23¼	S-2981	S-2982	25.40	3 15/16	175	7.90
8	30¾	S-2983	S-2984	35.00	3 15/16	215	15.10

No. 329*

6	12¾	S-4347	S-4348	$10.60	2 15/16	50	
11	23P	S-4859	S-4859	18.80	2 15/16	80	$5.30

No. 526*

3▲	12½P	S-2985	S-2985	$10.80	2 15/16	40	
4	15¾	S-4129		13.20	2 15/16	52	$2.90
5	19½	S- 879	S-3195	16.00	2 15/16	75	4.20
6	23¼	S-1002	S-1058	19.00	3 7/16	90	5.90
7	27	S- 806	S- 602	23.60	3 7/16	125	8.80
8	30¾	S-1056	S-2986	28.40	3 7/16	145	12.20
9	34½	S-2987	S-2988	34.00	3 7/16	175	17.00
10	38½	S-2989	S- 905	41.00	3 7/16	200	23.80
11	42¼	S-4136	S-4135	48.60	3 7/16	250	32.10
12	46	S-2992		56.00	3 7/16	300	41.50
14	53½	S-2993	S-2994	75.00	3 7/16	425	64.50
24	91¾	S-2995					

No. 527½

5▲	13	S-4571		$11.20	2 15/16	45	
6▲	15½	S-4572		13.20	2 15/16	60	

▲ Plate Center Wheels; all others have arms.
* Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Vulcan Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 527½ (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
8	20½	S-4575	S-4573	$17.40	2 15/16	80	$4.90
9	24¼	S-4574	S-4576	20.60	2 15/16	95	7.00

No. 558*

4▲	21P	S-2996	S-2996	$20.00	2 15/16	100	
5	26	S- 971	S-2997	25.40	2 15/16	135	$8.60
6	31	S-2998	S-2999	31.00	2 15/16	175	13.30
7	36	S- 914	S-3000	37.00	2 15/16	220	20.00
8	41	S-3001	S- 548	44.00	3 7/16	250	27.30
9	46P	S-3002	S-3002	52.00	3 7/16	310	38.50
11	56¼	S-3003		70.00	3 7/16	425	66.50

No. 588*

Use No. 119

No. 623½*

No. af Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
4▲	31½P	S-3004	S-3004	$39.00	3 15/16	250	
5	38¾	S-3005		52.00	3 15/16	350	$30.20

No. 627*

4▲	31½P	S-3006	S-3006	$56.00	4 7/16	320	
5	39 P	S- 931	S- 931	84.00	4 15/16	540	$48.70

No. 1068*

4	47P	S-2187	S-2187	$195.00	4 15/16	1050	$144.00

No. 1127

Use No. 527½

No. 1132*

Use No. 526

No. 1219*

Use No. 327

Jeffrey Sprocket Wheels for F. and R. Link Chains

No. 504½*

4▲	10¾	‡S-3052	S-3053	$ 8.00	2 7/16	35	
5▲	13¼	‡S-3054	†S-4446	9.50	2 15/16	50	
6▲	15¾	‡S-4447	‡S-4448	11.00	2 15/16	60	
7▲	18¼	‡S-4466	†S-4452	12.80	2 15/16	70	
8	20½	‡S-3057	‡S-4453	14.60	2 15/16	80	$ 4.10
9	23¼	‡S-4455	†S-4456	16.60	2 15/16	90	5.20
11	28¼	†S-4458		21.80	2 15/16	100	8.80
12	30¾	‡S-4459	‡S-4460	25.20	2 15/16	110	10.90
14	35¾	‡S-4463	†S-4465	32.00	2 15/16	150	16.00

No. 506*

3▲	12½	‡S-3061	S-3062	$ 9.00	2 7/16	45	
4▲	16	‡S-3063	‡S-3064	11.20	2 15/16	55	
5	19½	‡S-3065	‡S-3066	13.60	2 15/16	70	$ 3.55
6	23½	‡S-3067	‡S-3068	16.80	2 15/16	95	5.20
7	27	‡S-3069	‡S-3070	20.40	2 15/16	110	7.60
8	31	‡S-3071	‡S-3072	25.00	2 15/16	125	10.80
9	34¾	‡S-3073	‡S-3074	29.60	2 15/16	165	14.80
12	46½	‡S-3075	‡S-3076	47.00	3 7/16	220	34.80
14	53½	†S-3077	†S-3078	62.00	3 7/16	300	53.40
16	61½		†S-3079	83.00	3 7/16	400	
22	84	†S-4484	†S-4483	150.00	3 7/16	600	

No. 516* and 516½*

3	12	S-4526	S-4527	$11.60	2 15/16	50	
4▲	16	‡S-3080	†S-3081	15.00	2 15/16	65	
5	19¾	‡S- 983	‡S-3082	18.40	2 15/16	75	$ 4.80
6	23½	‡S-3083	‡S-3084	22.00	3 7/16	90	6.90
7	27¼	‡S- 643	‡S-3085	25.60	3 7/16	120	9.50
8	31P	‡S-4535	‡S-4535	29.60	3 15/16	140	12.80

Nos. 516* and 516½* (Continued)

9	34¾	‡S-3086	‡S-3087	$34.00	3 15/16	180	$17.00
10	38½	‡S-3088	‡S-3089	39.00	3 15/16	215	22.70
11	42¼	‡S-3090	S-3091	44.80	3 15/16	255	29.60
12	46	†S-3092	†S-3093	51.00	3 15/16	270	37.80
15	57½	†S-3094	†S-3095	80.00	3 15/16	360	76.00

No. 518* and 519*

4	21¼	‡S-3110		$23.00	3 7/16	120	$ 6.50
5	26¼	‡S-3111	‡S-3113	29.00	3 7/16	140	10.80
6	31¼	‡S-3112	‡S-3114	35.60	3 15/16	185	15.30
7	36¼	‡S- 591	‡S-3115	43.00	3 15/16	240	23.30
9	46		S-3109	65.00	3 15/16	310	48.10
11	56¼	‡S-3116	†S-3117	87.00	3 15/16	385	82.70
14	71½	†S-4551	S-3119	125.00	3 15/16	550	

No. 520*

4	21	S-3120		$24.20	3 15/16	150	$ 6.80
5	26¼	‡S- 893	†S- 994	31.00	3 15/16	180	11.50
6	31¼	†S-3121	†S- 574	39.00	3 15/16	250	16.80
7	36¼	‡S-1007	‡S- 544	50.00	3 15/16	340	27.00
9	46½	‡S-3122	‡S-3123	78.00	3 15/16	520	57.80

No. 520½*

5	26¼	†S- 608	†S-3124	$35.00	2 15/16	235	$13.00
6	31¼	†S- 609		44.00	3 15/16	330	19.00
7	36¼	†S- 555	†S-3125	62.00	3 15/16	430	33.50

No. 521*

4	26½	†S-3126	†S-3127	$38.00	4 7/16	250	$14.10
5	32¾	†S-3128		48.00	4 7/16	360	22.10
6	39	†S-3129		70.00	4 7/16	480	40.60

▲ Plate Center Wheels; all others have arms.
* Indicates Wheels which can be furnished with Chilled Rims.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.
‡ Short or Long Tooth.
† Long Tooth only.
Short Tooth Sprockets (not marked) are standard.

Jeffrey Sprocket Wheels for Steel Bar Drag Chains

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

Cast Iron

No. 560

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.
6	12		S-3016	$16.60	2 15/16	65
9	17 1/2		S-3017	23.20	2 15/16	78
10	19 1/2	S-3018	S-3019	26.00	2 15/16	93
12	23 1/4	S-3020	S-3021	33.00	2 15/16	120

No. 562

5	17	S-3022		$36.00	3 7/16	140
9	29 1/4 P	S-3023	S-3023	62.00	3 7/16	285

Nos. 564 and 566

4	11 1/4	S-4664		$18.00	2 15/16	115
5	13 3/4		S-3024	23.20	2 15/16	120
6	16		S-3025	28.40	2 15/16	123
8	21	S-3026	S-3027	33.60	2 15/16	130
9	23 1/2	S-3028		38.80	2 15/16	170

No. 570

5	17P	S-3030	S-3030	$36.00	2 15/16	140
7	23	S-3031		48.00	2 15/16	237
9	29 1/4		S-3033	62.00	2 15/16	290
11	35 1/2	S-3034	S-3035	76.00	2 15/16	350

No. 571

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.
7	23	S-3036		$52.00	3 7/16	250

No. 572 1/2

5	17		S-3038	$36.00	3 7/16	148
6	20	S-3039	S-3040	42.00	3 7/16	170
7	23	S-4666	S-4667	48.00	3 7/16	210
9	29 1/4 P	S-3041	S-3041	62.00	3 7/16	290

No. 592

5	17	S-3022	S-3038	$36.00	3 7/16	175
7	23	S-3031		48.00	3 7/16	245
8	26 1/4 P	S-3043	S-3043	56.00	3 7/16	280

No. 595

6	12		S-3016	$16.60	2 15/16	70
8	15 3/4		S-3044	20.80	2 15/16	85
9	17 1/2		S-3017	23.20	2 15/16	92
10	19 1/2	S-3018	S-3019	26.00	2 15/16	97

Jeffrey Sprocket Wheels for Climax Chains

No. 306 1/2*

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.
3▲	12	S-4285		$13.60	3 7/16	65
4▲	15 3/4	S-3251		17.20	3 7/16	85
5▲	19 1/2	S-3252		21.00	3 7/16	100
6	23 1/4	S-3254	S-4287	25.40	3 15/16	120
8	30 3/4	S-3256	S-3257	34.00	3 15/16	180
9	34 1/2	S-3258	S-3259	39.00	3 15/16	230
10	38 1/4	S-3260	S-3261	45.00	3 15/16	280
11	42 1/2		S-4289	51.00	3 15/16	340
14	53 3/4		S-4290	72.00	3 15/16	480

No. 356 1/2*

4▲	15 3/4	S-3162		$15.00	2 15/16	75
5▲	19 1/2	S-3163	S-3164	18.40	2 15/16	95
6	23 1/4	S- 792	S- 601	22.00	3 7/16	105
7	27P	S-3165	S-3165	25.60	3 7/16	140
8	30 3/4	S-3166	S-3167	29.60	3 15/16	162
9	34 1/2	S-3168	S-3169	34.00	3 15/16	200
10	38 1/4	S-3170	S-3171	39.00	3 15/16	240

No. 357 1/2*

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.
5	22 1/2	S- 769		$23.00	3 7/16	118
6	27	S-3172	S-3173	29.00	3 7/16	160
7	31 1/2	S-3174	S- 506	35.00	3 15/16	200
8	31 3/4	S-3175	S-3176	42.00	3 15/16	260
9	40 1/4	S-3177	S-3178	49.00	3 15/16	330
11	49		S-3179	66.00	3 15/16	470
14	62 1/2	S-3180		96.00	3 15/16	630
16	71 1/4	S-3182		120.00	3 15/16	750

No. 358 1/2*

5	26	S-3185	S-3186	$32.00	4 7/16	180
6	31	S-3187	S- 301	41.00	4 15/16	255
7	36	S-3188	S-4276	52.00	4 15/16	280
8	41	S-3190	S-3191	60.00	4 15/16	370
9	46	S-3192	S-3193	80.00	4 15/16	470

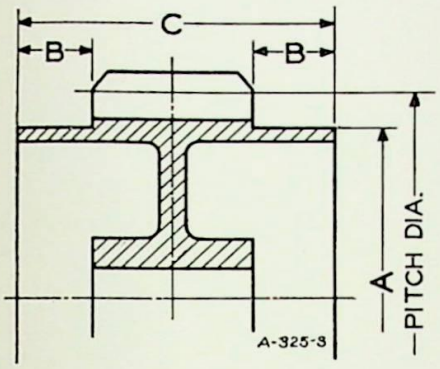
No. 362 1/2*

4	31 1/2		S-3263	$46.00	4 7/16	290
5	38 3/4	S-3264		64.00	4 15/16	365

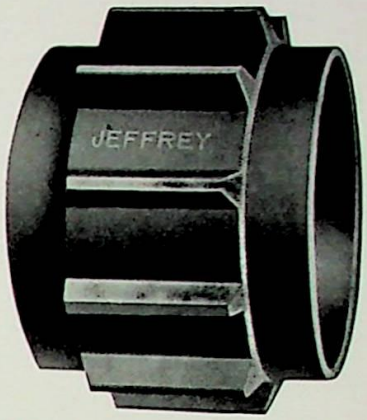
▲ Plate Center Wheels; all others have arms.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Drag Chains

Side Extension Sprockets



Extra Heavy Sprocket with Extension on each side for Delivery End of Conveyors.

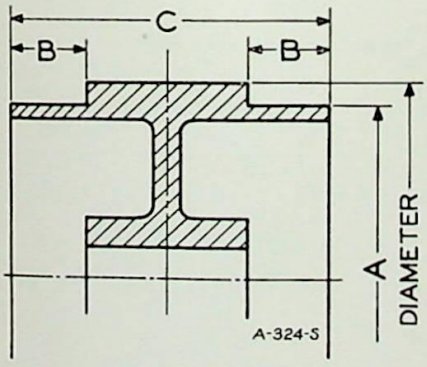


Side Extension Sprockets for Reliance Drag Chains

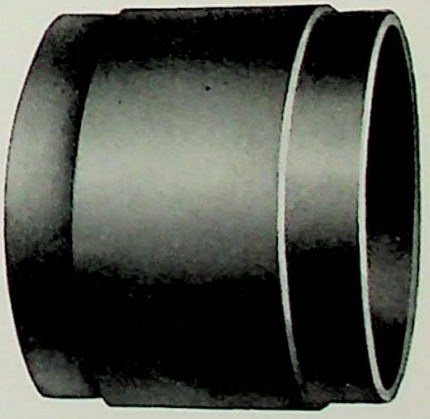
Chain No.	No. of Teeth	Pitch Diam.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	A In.	B In.	C In.
102	7	11¾P	62438	$23.80	2 15/16	124	8½	4⅛	14½
102	8	13¼P	62651	26.20	2 15/16	161	10⅛	4⅛	14½
102	10	16¼P	62399	31.40	2 15/16	175	13⅜	2⅝	11½
102	13	21 P	64113	42.20	2 15/16	250	18½	3¾	13¾
104	6	12 Dn	63314	22.60	2 15/16	100	8½	3	10¼
104	7	14 P	63465	25.40	2 15/16	133	10½	3¾	11¾
104	9	17¾Dn	62471	31.60	2 15/16	172	14	3⅞	12
104	11	21½Dn	63028	39.60	2 15/16	210	18⅝	2⅜	9
110	6	12 P	62592	28.00	2 15/16	135	8¼	3¾	16⅜
110	8	15¾P	62220	36.60	2 15/16	197	12¾	2 5/16	13½
110	9	17½P	62585	40.80	2 15/16	222	14⅝	3¾	16⅜
110	11	21½P	62404	48.20	2 15/16	279	18½	3¾	16⅜
112	7	18¾P	63482	43.40	2 15/16	202	14⅝	3¾	16½
Side Extension Sprockets for Steel Drag Chain									
560	12	23¼Dg	64021	$44.00	2 15/16	210	20½	3¾	12¾
566	6	16 Dg	62433	35.00	2 15/16	150	11½	4	14
566	9	23½Dn	62437	49.00	2 15/16	200	20	3	12
571	7	23 Dn	62787	62.00	3 7/16	315	17¾	3¾	15¾

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.
Dg. Indicates Driving Sprocket.
Dn Indicates Driven Sprocket.

Side Extension Plain Face Idlers for Reliance and Steel Drag Chains



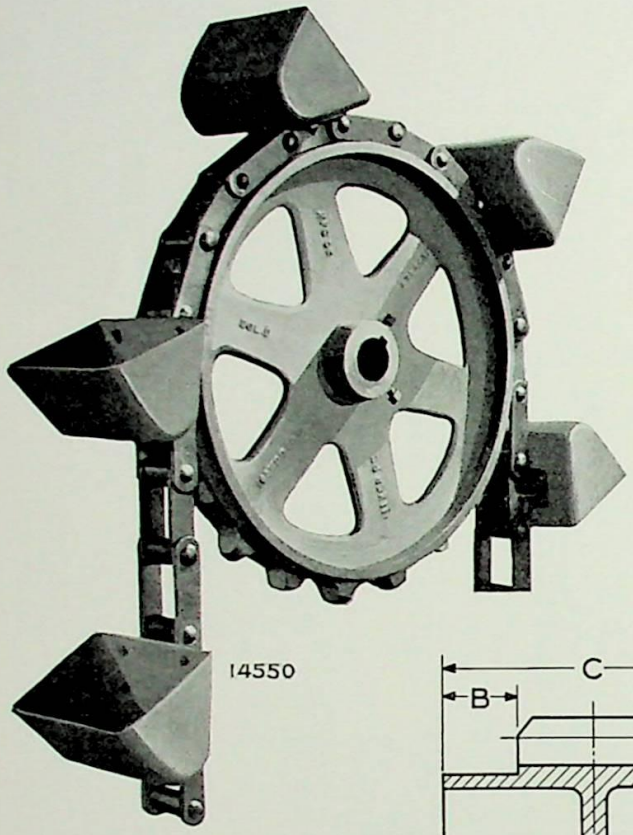
Traction Wheel with Extended Rim



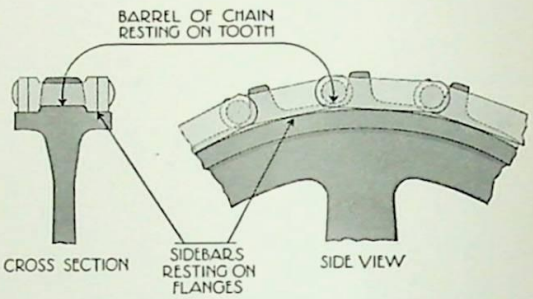
Chain No.	Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	A In.	B In.	C In.
104	18	62868	$35.20	2 15/16	180	16½	3¾	11⅝
110	16⅛	62586	40.80	2 15/16	215	14⅝	1 13/16	13
566	23	62140	44.00	2 15/16	200	20	3¾	13½

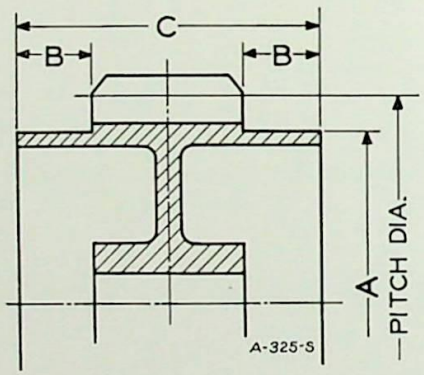
Jeffrey Flanged Sprockets for Hercules Chains

Cast Iron



JEFFREY CHAINSAVER Sprockets are especially designed for Elevator Service in Fertilizer Plants. Add 50% or more to the life of elevator chains. The chain rides on the flanges as well as seating in the usual position, thus distributing the wear.





List Price and Dimensions

Chain No.	No. of Teeth	Approx. Pitch Diam.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	A In.	B In.	C In.
102B	14	18P	63007	$26.00	2 15/16	110	15 13/16	1 1/8	4 1/8
102½	15	19½	63418	33.00	2 15/16	125	17 1/8	1 3/16	4 1/4
111	20	30½P	63467	54.00	3 7/16	280	28 7/16	1 7/32	4 3/4
132	16	31½P	63419	70.00	3 7/16	405	28 3/4	1 9/16	6 1/8
132	19†	37Dn	64366	105.00	3 15/16	510	34 3/8	1 5/8	6 1/8
*1226	10	19½P	65103	42.00	2 15/16	230	16 1/4	5 15/16	14

† Using No. 122 Detachable Sprocket.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Dn Indicates Driven Sprocket only.

* Flanged Sprocket but not "Chainsaver" type.

Jeffrey Sprocket Wheels for Long Link Coil Chains

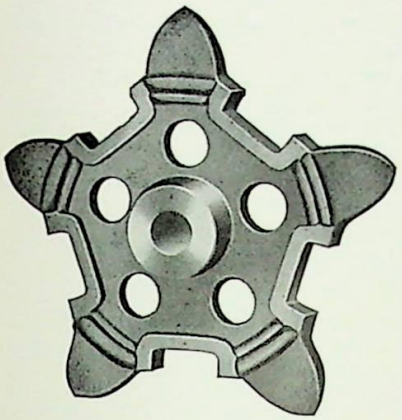


Fig. 1 Plain Solid Tooth Sprocket

Cast Iron Sprockets

For Best Service Use **Solid Teeth** for Short Conveyors of Ordinary Duty. **Expansion Teeth** for long Conveyors or Heavy Duty.

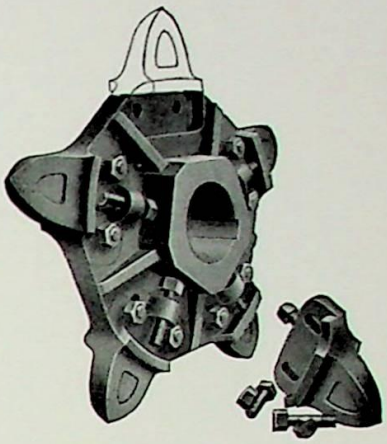


Fig. 2 Plain Expansion Tooth Sprocket

Chain No.	No. of Teeth	Plain Solid Tooth—Fig. 1 Driven Pitch Dia.	Driven Pat. No.	Driver Pitch Dia.	Driver Pat. No.	Flanged Solid Tooth—Fig. 3 Driven Pitch Dia.	Driven Pat. No.	Driver Pitch Dia.	Driver Pat. No.	Plain Expansion Tooth—Fig. 2 Pitch Dia.	Center Pat. No.	Teeth Pat. No.	Flanged Expansion Tooth—Fig. 4 Pitch Dia.	Center Pat. No.	Teeth Pat. No.
530	5	13.17	S-3130 26888P†	13.22	26888P†	13.19	12599P†	13.19	12599P†						
	6	15.66	S-3132P†	15.69	S-3133 S-3132P†	15.66	S-3112P†	15.66	S-3112P†	15.66	8250	14585	15.66	8250	8249
	8	20.67	S-3134P S-3135P†	20.67	S-3134P S-3135P†	20.63	S-3213†			20.67	19254†	26621	20.67	8706 19254†	8705 19253
	9	23.18	S-3136P	23.18	S-3136P	23.18	12955P†	23.18	12955P†						
531	4	13.45	S-3138P	13.45	S-3138P	13.45	12574P†	13.45	12574P†						
	5	16.48	S-3141P† S-3140P	16.48	S-3141P† S-3140P	16.44	S-3139†								
	6	19.52	S-3143P S-3142P†	19.52	S-3143P S-3142P†			19.59	S-3137†	19.52	5234	5233	19.52	5234 15874†	8247 15875
	7	22.73	S-3144P	22.73	S-3144P	22.73	S-3145P†	22.73	S-3145P†						
	8			25.87	S-3146†			25.87	S-3215†				25.80	28346†	15875
	9	28.97	S-3147P†	28.97	S-3147P†	28.97	15963P†	28.97	15963P†						
532	5	19.69	S-3149P S-3150†	19.69	S-3149P	19.69	9959P†	19.69	9959P†						
	6	23.62	S-3152† S-3151P	23.62	S-3151P	23.62	S-3216P†	23.62	S-3216P†	23.61	8137†	14639	23.61	8137†	8138
	8			31.25	S-3153†	30.98	S-3217†								
533	4	18.74	S-3154			18.78	S-3155P	18.78	S-3155†						
	5	23.06	S-3156P†	23.06	S-3156P†	23.06	12396P† S-3218P	23.06	12396P† S-3218P	23.06	8727† 8047	8726 8048	23.06	8727† 8047	12263 12171
	7			31.73	S-3157										
534	5			23.17	S-3158 S-3219†	23.13	9992P†	23.13	9992P†	23.13	5605 5314†	399 5313	23.13	5605 20740†	12382 20729
	7	31.78	27250												
535	5	26.52	26883P†			26.52	8713P†	26.52	8713P†	26.52	8592	14980	26.52	8592	8591
	6												31.55	8511	8510
536	5	26.49	S-3160	26.59	S-3161	26.54	S-3159	26.54	S-3159	26.54	5078	5077	26.54	5078	8595
541	5												19.96	8159	8158
542	6					23.50	S-3220P S-3221P†	23.50	S-3220P S-3221P†				23.50	8137†	17137

† Gapped Wheels for clearing such attachments or parts as may extend below the Chain as it rides over the wheels. All other wheels are not gapped.

P Indicates Perfect diameter of Sprockets which can be used either for Driven or Driver.

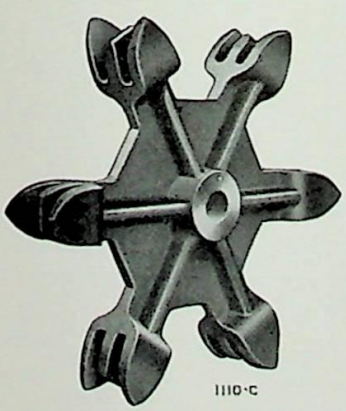


Fig. 3 at left shows Jeffrey Flanged Solid Tooth Sprocket with Gaps.

Fig. 4 at right shows Flanged Expansion Tooth Sprocket.

Jeffrey Sprocket Wheels for Long Link Coil Chains

List Price Cast Iron Sprockets

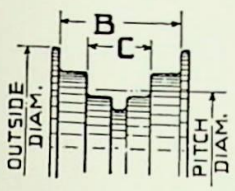
Chain No.	No. of Teeth	Plain Solid Tooth Fig. 1				Approx. Weight Lbs.	Flanged Solid Tooth Fig. 3			Approx. Weight Lbs.	Plain Expansion Tooth Fig. 2		Approx. Weight Lbs.	Flanged Expansion Tooth Fig. 4		Approx. Weight Lbs.
		Pitch Diam. Driven	Pitch Diam. Driver	Largest Bore	List Price		Pitch Diam. Driven	Pitch Diam. Driver	List Price		Pitch Diam.	List Price		Pitch Diam.	List Price	
530	5	13.17	13.22	2 7/16	$10.00	35	13.19	13.19	$13.00	50						
	6	15.66	15.69	2 13/16	12.00	50	15.66	15.66	16.00	70	15.66	$ 48.00	80	15.66	$ 54.00	86
	8	20.67	20.67	2 13/16	16.00	70	20.63		22.00	120	20.67	55.00	110	20.67	62.00	120
	9	23.18	23.18	2 13/16	19.00	90	23.18	23.18	26.00	140						
531	4	13.45	13.45	2 13/16	11.00	40	13.45	13.45	15.00	65						
	5	16.48	16.48	2 13/16	14.00	65	16.44		19.00	100						
	6	19.52	19.52	2 13/16	17.00	85		19.59	23.00	115	19.52	65.00	135	19.52	75.00	150
	7	22.73	22.73	2 13/16	21.00	100	22.73	22.73	27.00	130						
	8		25.87	2 13/16	25.00	125		25.87	32.00	175				25.80	95.00	210
	9	28.97	28.97	2 13/16	30.00	150	28.97	28.97	39.00	225						
532	5	19.69	19.69	3 7/16	19.00	85	19.69	19.69	25.00	125						
	6	23.62	23.62	3 7/16	26.00	140	23.62	23.62	33.00	170	23.61	92.00	205	23.61	110.00	240
	8		31.25	3 7/16	42.00	235	30.98		51.00	260						
533	4	18.74		3 13/16	24.00	120	18.78	18.78	33.00	180						
	5	23.06	23.06	3 13/16	31.00	170	23.06	23.06	42.00	250	23.06	98.00	225	23.06	118.00	265
	7		31.73	3 13/16	46.00	235										
534	5		23.17	3 13/16	34.00	200	23.13	23.13	46.00	265	23.13	120.00	330	23.13	140.00	355
	7	31.78		3 13/16	50.00	285										
535	5	26.52		4 13/16	42.00	225	26.52	26.52	56.00	300	26.52	145.00	370	26.52	180.00	440
	6			4 13/16										31.55	220.00	555
536	5	26.49	26.59	4 13/16	55.00	300	26.54	26.54	70.00	400	26.54	160.00	410	26.54	205.00	500
541	5			3 13/16										19.96	105.00	220
542	6			3 13/16			23.50	23.50	43.00	225				23.50	124.00	250

Expansion Tooth Sprockets can be used either for Driver or Driven.

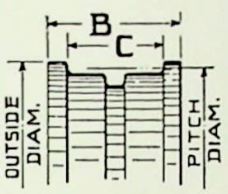
Jeffrey Idlers for Long Link Coil Chains

Cast Iron

Heavy Grooved Idlers—Types A and B

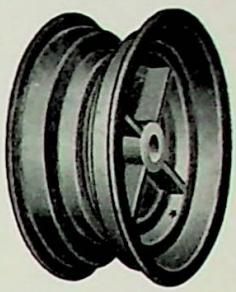


Type B



Type A

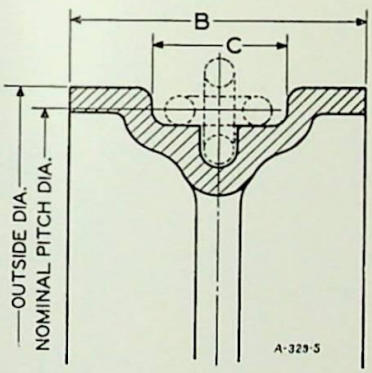
In the use of S-1½ Spurs (page 115, the Overall Width of Spurs must be less than distance "B" listed below on those Heavy Flanged and Grooved Idlers having Outside Flanges. See note‡.

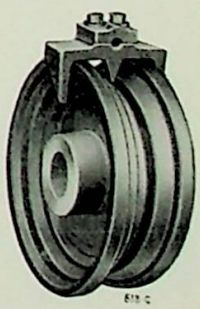


Chain No.	Approx. Pitch Diam. Inches	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	B Inches	C Inches	Outside Diam.
Heavy Flanged and Grooved Idlers—Type B								
530	16	18993	$32.00	2 3/16	180	9	3¾	23½
531	16	18994	38.00	2 3/16	220	9⅝	4¼	24⅜
532	24	18995	71.00	2 7/16	420	10¾	4⅞	33⅜
535	27	62525	116.00	3 7/16	700	11½	6¾	40⅜
‡Heavy Grooved Idlers—Type A								
533	24	18996	$57.00	2 15/16	333	9½	5¾	29⅛
534	27	18997	83.00	2 15/16	492	10	6⅜	33¼
535	27	18998	90.00	3 7/16	535	10½	6¾	34⅜
536	27	18999	110.00	3 7/16	650	11¼	7½	35

‡These Idlers have no outside flange. Outside flanges on Type B Idlers will be stopped off on order.

Inverted Spur Idlers—Type C





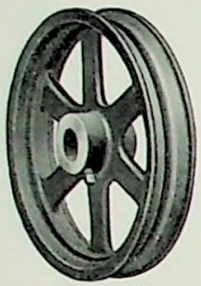
Chain No.	Approx. Pitch Diam. Inches	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	B Inches	C Inches	Outside Diam. Inches
§Inverted Spur Idlers—Type C								
531	17½	14837	$22.00	2 7/16	112	6¼	3½	17½
532	18	61796	27.00	2 7/16	140	6¼	4	20
532	20	5129	28.00	2 7/16	160	6¼	4	22¾
532	24	61794	33.00	2 7/16	188	6¼	4	25½
533	23	61797	34.00	2 15/16	188	5¼	3½	24¾
534	19½	61799	40.00	2 15/16	230	7¼	4⅝	20½
535	23	61800	42.00	2 15/16	240	8	4¾	24
536	20	8231	37.00	2 15/16	214	8	5¼	21¼
536	26	13634	46.00	2 15/16	266	8	5¼	27¼

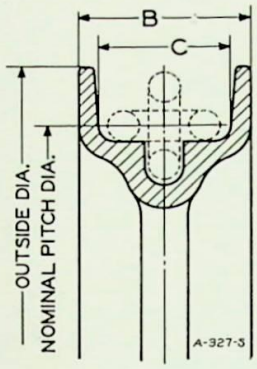
§Support Inverted Spurs on runways between Idlers. This is a preferred construction.

Jeffrey Idlers for Long Link Coil Chains

Cast Iron

Plain Grooved Idlers—Type D

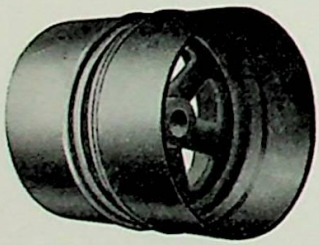




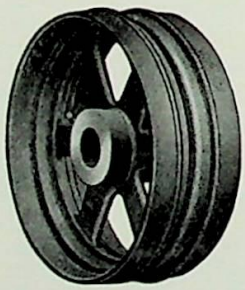
†Plain Grooved Idlers—Type D								
Chain No.	Nominal Pitch Diam. Inches	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	B Inches	C Inches	Outside Diam. Inches
530	12	61802	$12.00	$2\frac{7}{16}$	50	$2\frac{3}{4}$	$2\frac{1}{4}$	14
530	16	61811	15.00	$2\frac{7}{16}$	73	$2\frac{3}{4}$	$2\frac{1}{4}$	18
531	14	13960	12.00	$2\frac{7}{16}$	58	$3\frac{1}{4}$	$2\frac{1}{2}$	$15\frac{1}{2}$
531	20	61792	17.00	$2\frac{7}{16}$	80	$3\frac{1}{4}$	$2\frac{1}{2}$	20
532	20	61795	30.00	$2\frac{15}{16}$	150	$3\frac{3}{4}$	3	$20\frac{3}{4}$
534	24	61798	72.00	$2\frac{15}{16}$	425	$5\frac{1}{8}$	4	$25\frac{3}{4}$

† Plain Grooved Idlers are used for the support of Plain Chains or Chains with U-Bolts and cross bars, page 116, where the Cross Bars rest in trough or on outside supports.

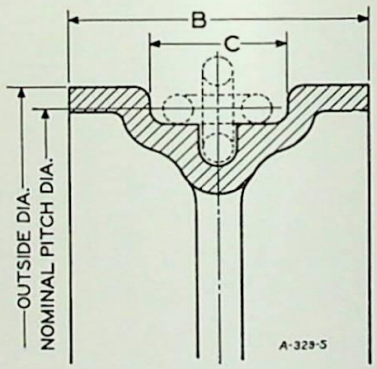
Drum Idlers



Drum Idler with Steel Extension Type F

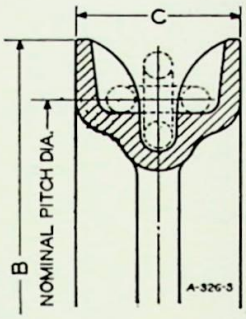


Drum Idler without Steel Extension Type E

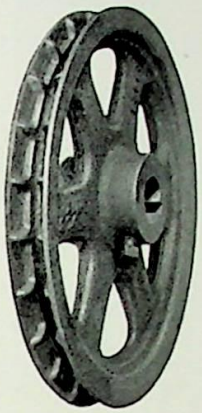


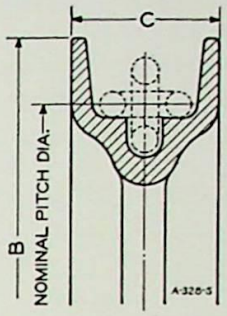
Without Steel Extensions—Type E									With Steel Extensions—Type F						
Chain No.	Nominal Pitch Dia. Inches	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B In.	C In.	Outside Diam. In.	Chain No.	Nominal Pitch Dia. Inches	Pattern No.	Face Inches	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds
530	12	61791	$18.00	$2\frac{7}{16}$	50	$5\frac{7}{8}$	$2\frac{1}{8}$	$12\frac{1}{4}$	530	12	61791	12 to 16	$35.00	$2\frac{7}{16}$	71
530	16	61809	21.00	$2\frac{7}{16}$	70	6	$2\frac{1}{4}$	16	530	16	61809	16 to 20	40.00	$2\frac{7}{16}$	106
531	18	61808	28.00	$2\frac{7}{16}$	92	$6\frac{1}{2}$	$2\frac{1}{2}$	$18\frac{1}{8}$	531	18	61808	20 to 24	50.00	$2\frac{7}{16}$	140
531	20	61810	31.00	$2\frac{15}{16}$	114	$6\frac{3}{4}$	$2\frac{3}{4}$	$19\frac{1}{2}$	531	20	61810	20 to 24	56.00	$2\frac{15}{16}$	186
532	20	61806	39.00	$3\frac{7}{16}$	169	8	3	20	532	20	61806	20 to 24	64.00	$3\frac{7}{16}$	238
532	24	61805	42.00	$3\frac{7}{16}$	188	$8\frac{1}{2}$	$3\frac{1}{2}$	24	532	24	61805	20 to 24	68.00	$3\frac{7}{16}$	266
533	20	61807	40.00	$3\frac{15}{16}$	170	$8\frac{1}{4}$	$3\frac{1}{4}$	20	533	20	61807	20 to 24	65.00	$3\frac{15}{16}$	242
533	24	61801	54.00	$3\frac{15}{16}$	275	$9\frac{1}{2}$	4	27	533	24	61801	20 to 24	80.00	$3\frac{15}{16}$	348
534	24	61803	63.00	$3\frac{15}{16}$	336	8	4	$25\frac{3}{4}$	534	24	61803	20 to 24	90.00	$3\frac{15}{16}$	416

Jeffrey Pocket Sheaves and Idlers for Cable Chains



Pocket Sheave





Plain Grooved Idler

Pocket Sheaves for Short Link Cable Chains

No. of Pockets	Nom'al Pitch Diam. Inches	Pattern No.	List Price Each	Largest Bore at Regular Price	Av'age Weight Each Lbs.	B Outsi'e Diam. Inches	C Ov'all Width In.
No. 901							
10	10	18209	$20.00	2 15/16	50	12	2 5/8
11	11 1/4	22178	21.50	2 15/16	54	13 1/4	2 5/8
12	12	18210	23.00	2 15/16	58	14	2 5/8
15	15	18211	26.00	2 15/16	70	17	2 5/8
18	18	18212	30.00	2 15/16	82	20	2 5/8
21	21 1/2	18213	36.00	2 15/16	94	23 1/4	2 5/8
24	24	18224	39.00	2 15/16	106	26	2 5/8
No. 902							
9	11 3/4	18201	$27.00	2 15/16	70	14	3 5/8
12	15 3/4	18214	36.00	2 15/16	100	18	3 5/8
14	18 1/4	18215	42.00	2 15/16	120	20 1/2	3 5/8
16	20 3/4	18216	48.00	2 15/16	140	23	3 5/8
19	24 1/2	17866	57.00	2 15/16	170	26 3/4	3 5/8
No. 903							
10	10 1/2	18217	$22.00	2 15/16	55	12 7/8	3 3/16
12	12 3/4	18202	26.00	2 15/16	68	15 1/8	3 3/16
14	14 3/4	18218	30.00	2 15/16	80	17 1/8	3 3/16
17	17 3/4	18203	36.00	2 15/16	98	20 1/8	3 3/16
20	21	18219	42.00	2 15/16	116	23 3/8	3 3/16
23	24	18240	48.00	2 15/16	134	26 3/8	3 3/16
29	30	19343	60.00	2 15/16	170	32 3/8	3 3/16
No. 904							
12	6 1/4	18220	$ 9.00	1 15/16	16	7 1/2	1 1/2
15	8	18221	10.50	1 15/16	19	9 1/4	1 1/2
19	10 1/4	18222	$12.00	1 15/16	23	11 1/4	1 1/2
23	12 1/4	18223	14.00	1 15/16	28	13 1/2	1 1/2
26	13 3/4	23114	15.50	1 15/16	32	15	1 1/2
28	15	18243	17.00	1 15/16	36	16 1/4	1 1/2
34	18	18244	21.00	1 15/16	42	19 1/4	1 1/2
42	22 1/4	18245	25.00	1 15/16	52	24 1/2	1 1/2
No. 910							
9	5 3/4	18230	$10.00	1 15/16	18	7 1/4	1 7/8
12	7 3/4	18231	11.80	1 15/16	22	9 1/4	1 7/8
15	9 3/4	18232	13.60	1 15/16	25	11 1/4	1 7/8
19	12 1/4	18233	16.00	1 15/16	28	13 3/4	1 7/8
24	15 1/2	18234	19.00	1 15/16	38	17	1 7/8
28	18	18246	23.00	1 15/16	48	19 1/2	1 7/8
34	21 3/4	18247	27.00	1 15/16	60	23 1/4	1 7/8
44	28	21042	34.00	1 15/16	80	29 1/2	1 7/8
50	32	22299	38.00	1 15/16	92	33 1/2	1 7/8
No. 911							
12	8	18235	$13.50	2 7/16	30	9 3/4	2 3/16
15	10 1/4	18236	16.00	2 7/16	36	12	2 3/16
18	12 1/4	18237	18.00	2 7/16	42	14	2 3/16
21	14 1/4	22272	20.50	2 7/16	48	16	2 3/16
22	15	18238	21.50	2 7/16	50	16 3/4	2 3/16
27	18 1/4	18239	25.00	2 7/16	60	20	2 3/16
32	21 3/4	18248	29.00	2 7/16	70	23 1/2	2 3/16
36	24 1/2	18249	32.50	2 7/16	78	26 1/4	2 3/16

Plain Idlers for Short Link Cable Chains

Nominal Pitch Diam. Inches	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	B Outside Diam. Inches	C Overall Width Inches
No. 901						
8	3062	$12.50	2 15/16	30	9 3/4	2 1/2
12	63438	21.00	2 15/16	58	14 1/4	2 3/4
14	3468	22.00	2 15/16	62	16	2 1/4
No. 902						
20	27263	$44.00	2 15/16	140	22 3/8	3 3/4
No. 903						
8	63439	$17.00	2 15/16	45	10 1/4	3 9/16
12	3051	21.50	2 15/16	60	15	3 7/8
16	9653	29.00	2 15/16	85	18	3 1/4
18	8765	34.00	2 15/16	102	20	3 3/4
No. 904						
5	12885	$ 7.00	1 15/16	16	6 7/8	1 3/4
8	12256	8.00	1 15/16	20	9	1 3/4
23 3/4	8287	18.00	1 15/16	54	25	1 5/8
No. 910						
6 1/2	15458	$ 8.00	1 15/16	20	8 1/2	1 7/8
No. 911						
3 5/8	4083	$ 9.00	1 7/16	18	5 5/8	2
8	12523	12.00	2 7/16	28	9 1/4	2 1/4
12	17147	15.00	2 7/16	40	13 1/8	2 1/4
14 1/8	16084	16.00	2 7/16	44	15 1/2	2 1/8

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Steel

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 32

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
10▲	3¾	18		$ 7.80	1 3/16	2½

No. 45

9▲	4¾	24750	24751	$ 8.80	1 3/16	5½

No. 51

9▲	3½	479		$ 7.80	15/16	2¾
11▲	4¼P	15	15	8.20	1 3/16	3½
15▲	5½P	62076	62076	9.60	1 7/16	5

No. 52

9▲	4½	17	937	$ 8.60	1 3/16	6
10▲	5		980	9.00	1 7/16	7
12▲	5¾	S-1547		10.20	1 7/16	8¼
15▲	7¼	S-1552		12.20	1 7/16	9¾
16▲	7¾		20	13.00	1 7/16	10½
37	17¾	S-1576		26.40	1 15/16	18
42	20¼	938		30.20	1 15/16	20¼

No. 62

15▲	8	S- 567		$13.40	1 15/16	16
16▲	8½P	27597	27597	14.00	1 15/16	18
18▲	9½	323		15.20	1 15/16	20
25▲	13¼P	27596	27596	20.00	2 7/16	31
38	20	379		29.60	2 7/16	48

No. 75—Use No. 88

No. 77

8▲	6	S-1823	551	$10.00	1 11/16	12
11▲	8¼	490	471	13.00	1 15/16	20
12▲	9	S-1831	63978	14.00	1 15/16	22
14▲	10¼		36	15.80	2 7/16	26
16	11¾	550		17.80	2 7/16	28½
18	13¼	S-1843		19.60	2 7/16	30
19	14	473	472	20.60	2 7/16	32
22	16¼	S-3296		23.60	2 7/16	39
28	20½	467	639	29.20	2 7/16	51
33	24¼	466	640	34.60	2 7/16	57

No. 78—Use No. 88

No. 88, also No. 75 and No. 78

6▲	5¼		522	$10.00	1 7/16	10
7▲	6	4048	4045	11.00	1 7/16	14
8▲	7	S-1912		12.00	1 15/16	16
9▲	7¾	961		13.20	1 15/16	18
10▲	8½	611		14.40	1 15/16	22
11▲	9¼	514	714	15.60	1 15/16	24
12▲	10	4041	4040	16.80	2 7/16	30
13▲	11	769		18.00	2 7/16	34
14▲	11¾	S-1917	15940	19.20	2 15/16	37
15	12½	592	548	20.40	2 15/16	40
16	13½	372		21.60	2 15/16	43

No. 88, also No. 75 and No. 78 (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
17	14¼	404		$22.80	2 15/16	45
18	15	S-1924	794	24.00	2 15/16	47
19	16	925	966	25.20	2 15/16	49
20	16¾	670	591	26.40	2 15/16	51
21	17½	S-1926	91	27.60	2 15/16	53
22	18¼	405	933	28.80	2 15/16	56
23	19¼	879	931	30.00	2 15/16	60
24	20	881		31.20	2 15/16	64
25	20¾	932		32.40	2 15/16	65
26	21¾	856		33.60	2 15/16	66
27	22½	371		34.80	2 15/16	69
28	23¼	927	29108	36.00	2 15/16	72
29	24	370		37.20	2 15/16	76
30	25	580		38.40	2 15/16	80
32	26½	857		41.20	2 15/16	86
34	28¼		930	45.20	2 15/16	94
37	30¾	549		50.80	2 15/16	102
38	31¾	858		52.80	2 15/16	110
43	35¾	967	934	62.40	2 15/16	125
45	37½	912		66.20	2 15/16	139
49	40¾	968		75.80	2 15/16	158
50	41½		607	78.20	2 15/16	164
57	47¼	93		98.00	3 7/16	212

No. 103

6▲	6¼	474	713	$11.60	1 15/16	16
7▲	7	530		13.00	1 15/16	20
8▲	8	609	577	14.40	2 7/16	23
9▲	9		27342	15.80	2 7/16	26
10▲	10	507	510	17.20	2 15/16	31
11▲	11	S-1961		18.80	2 15/16	39
12▲	12	656	612	20.20	2 15/16	46
13▲	13	504	547	21.60	2 15/16	53
14▲	14	S-1966	458	23.00	2 15/16	55
15▲	14¾P	151	151	24.40	2 15/16	58
16	15¾	12588		26.00	2 15/16	61
18	17¾	855	996	28.80	2 15/16	68
19	18¾	669	890	30.20	2 15/16	72
20	19¾	460		31.60	2 15/16	76
21	20¾	S-1973		33.20	2 15/16	82
22	21½P	28628	28628	34.60	2 15/16	85
24	23½	S-1099	33	37.40	2 15/16	100
25	24½		34	39.40	2 15/16	103
26	25½P	28629	28629	41.20	2 15/16	106
27	26½	S- 417		43.20	2 15/16	112
28	27½	57	573	45.20	2 15/16	118
30	29½	689		50.00	2 15/16	130
31	30½	480	15937	52.40	2 15/16	138

▲ Plate Center Wheels; all others have arms.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Steel

When ordering state whether Driving or Driven Wheels are required, If not stated, Driven Wheels will be furnished.

No. 103 (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
32	31½P	29021	29021	$54.80	2 15/16	144
36	35¼	459	32	67.20	2 15/16	175
37	36¼	936		70.80	2 15/16	186
38	37¼	29255	867	74.40	2 15/16	192
41	40¼P	613	613	85.20	3 7/16	206
49	48	614	673	114.00	3 7/16	280
55	54	62		139.20	3 7/16	355

No. 104½

11	16	S- 610		$33.60	2 15/16	54
17	24½	12458		51.60	2 15/16	120
33	47¼	979		104.20	2 15/16	315

No. 108

6▲	9½		109	$23.60	2 15/16	49
8▲	12½		999	28.40	2 15/16	58
9	13¾	S-1999		31.20	2 15/16	67
11	16¾	1000		37.00	2 15/16	89
12	18¼	574		49.80	2 15/16	98
13	19¾	S-2004	998	43.20	2 15/16	114
14	21¼	785		46.60	2 15/16	121
16	24¼	S-2007	657	54.20	3 7/16	145
20	30¼	S- 949	26127	69.60	3 7/16	192
24	36¼	786		86.80	3 7/16	235
32	48	658		130.60	3 7/16	315

No. 114

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
11	11½	61629		$21.20	2 7/16	27
12	12¾	61630		22.60	2 7/16	32
13▲	13¾	447		24.00	2 15/16	36
14	14¾	610	772	25.40	2 15/16	41
16	16¾	477		28.80	2 15/16	61
18▲	19	777		32.20	2 15/16	70
23	24	406		41.80	3 7/16	94

No. 122

10	19¾	S-2048		$48.20	3 7/16	168
12	23½	S-2051		59.00	3 7/16	199
19	37	455	454	112.00	3 15/16	340

No. 124

8▲	10¾		S-2059	$22.60	2 15/16	32
9▲	12P	643	643	24.80	2 15/16	44
11▲	14½		513	29.20	3 7/16	64
12▲	15¾P	S-2065	S-2065	31.60	3 7/16	70
14	18¼	S-2069		36.00	3 7/16	77
17	22¼	61		44.20	3 7/16	98
20	26	S-2078		52.20	3 7/16	126
22	28½	S-2080		57.60	3 7/16	146
28	36½	S-2084		78.40	3 15/16	200
38	49¼	512		120.60	3 15/16	330
51	66	519		229.60	4 15/16	625

Jeffrey Sprocket Wheels for Hercules Chains

No. 111

9	14	913		$35.80	2 15/16	76
11	17	914		42.40	2 15/16	92
16	24½	939		62.60	2 15/16	133
28	42¾P	45	45	142.20	3 7/16	350

No. 111 Spec.

8	15½P	63918	63918	$39.60	2 15/16	75

No. 131
Use No. 103 Detachable Sprockets. Page 154

No. 188
Use No. 88 Detachable Sprockets. Page 154

No. 214
Use No. 114 Detachable Sprockets. Page 155

Jeffrey Sprocket Wheels for Reliance Chains

No. 74
Use No. 88 Detachable Sprockets. Page 154

No. 78
Use No. 88 Detachable Sprockets. Page 154

No. 82
Use No. 103 Detachable Sprockets. Page 154

Jeffrey Sprocket Wheels for Pintle Chains

No. 1162
Use No. 62 Detachable Sprockets. Page 154

No. 4103
Use No. 103 Detachable Sprockets. Page 154

▲ Plate Center Wheels; all others have arms.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Peerless Chains

Cast Steel

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 823

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
8▲	10½P	60354	60354	$25.40	2 7/16	35
11	14¼	84	90	32.60	2 11/16	55
19	24¼	83		55.20	2 15/16	124

No. 825

8▲	10½		12340	$27.60	2 15/16	53
11▲	14¼	12339		34.80	3 7/16	75

No. 825 (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
14	18	S-1031		$43.20	3 15/16	107
20	25½P	26169	26169	62.40	3 15/16	177

No. 844

10	19½P	27547	27547	$51.00	3 15/16	160
11▲	21½P	61719	61719	56.60	3 15/16	175
13	25¼P	27548	27548	68.00	3 15/16	220

Jeffrey Sprocket Wheels for Malleable Roller Chains

No. 1

6▲	6	4051		$16.00	2 7/16	16
8▲	7¾	4050		19.00	2 7/16	20
10▲	9¾	921	626	22.00	2 7/16	24
11▲	10½		4032	23.60	2 7/16	26
14▲	13½	635	630	29.00	2 15/16	42
15▲	14¼		4033	31.00	2 15/16	56
17	16¼		869	35.00	2 15/16	60
19	18	398	633	39.00	2 15/16	70
20	19	627	4034	41.00	2 15/16	75
29	27½		18547	60.00	2 15/16	115
31	29½	S-2323	922	65.00	2 15/16	125
37	35¼	397		82.60	3 7/16	145
38	36		115	85.60	3 7/16	150
45	42¾	116		107.60	3 7/16	170
50	47½	870		135.00	3 7/16	185

No. 1½

10▲	9¾P	62098	62098	$22.00	2 7/16	36
12▲	11½P	29226	29226	25.00	2 15/16	45
16▲	15¼P	62099	62099	33.00	2 15/16	85

No. 2

7▲	8½	S-2342		$19.60	2 7/16	25

No. 2 Sp.

15	17¾	886		$36.00	2 15/16	70
26	30¾	888	887	65.20	2 15/16	147

No. 3

6▲	8		385	$21.60	2 7/16	32
20	25¾	S-2423		59.60	3 15/16	140
24	31	73	885	73.40	3 15/16	180
30	38½P	80	80	98.00	3 15/16	230

No. 3½

6▲	8P	27902	27902	$21.60	2 7/16	32

No. 5

7▲	11¾	S-2441		$32.60	3 7/16	70

No. 9½ and 9½ Sp.

12▲	11½		62660	$21.00	2 7/16	22

No. 14

11	14¼		208	$30.00	2 7/16	47

No. 14½

9▲	11¾P	27695	27695	$25.00	2 7/16	26
14	18P	27696	27696	37.60	2 15/16	62
15	19¼P	27694	27694	40.00	2 15/16	66

No. 17

9▲	7½		206	$16.60	2 7/16	18
28	23	207		41.60	2 7/16	130
58	47½	878		122.60	2 7/16	270

No. 18

12▲	11¾P	27518	27518	$21.60	2 15/16	28
28	27	S-2596		51.00	2 15/16	130

No. 21 C

8▲	6½P	60214	60214	$14.60	1 15/16	14

No. 62

Use No. 62 Detachable Sprockets Page 154

No. 124

10▲	13	S-2703		$32.60	3 7/16	53
12▲	15¾	S-2707	617	37.40	3 7/16	55
16	20¾	S-2712		50.00	3 7/16	90
24	31		690	77.80	3 7/16	154
37	47¾	735		141.60	3 15/16	308

No. 126 and 156

6▲	12	527	526	$31.20	2 15/16	40
7▲	14	605	606	34.60	3 7/16	50
10	19½	S-2734		46.60	3 7/16	110
12	23¼	717	654	56.20	3 7/16	140
13	25	S-2737		61.00	3 7/16	156
14▲	27		559	65.80	3 15/16	175
18	34½		618	88.40	3 15/16	195

No. 126C and 156C

6▲	12P	27665	27665	$31.20	2 15/16	40
8▲	15¾	63976	27666	38.00	3 7/16	70
9▲	17½	13	12	41.80	3 7/16	90
10▲	19½	799	975	46.60	3 7/16	110
12▲	23¼P	61221	61221	56.20	3 7/16	140
14	27P	105	105	65.80	3 15/16	175
15	29	691		71.60	3 15/16	185
16▲	30¾P	29109	29109	76.80	3 15/16	190
18	34½	62872		88.40	3 15/16	195
19▲	36½P	61222	61222	95.60	3 15/16	210

▲ Plate Center Wheels; all others have arms.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprockets for Steel Thimble Roller Chains

Cast Steel

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 17

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
6▲	5¼	426	725	$14.80	1 15/16	8
7▲	6	620	722	15.80	1 15/16	11
8▲	6¾	427		16.80	1 15/16	12
9▲	7½	596	792	17.80	2 3/16	17
10	8¼	862	718	18.80	2 3/16	21
11	9	945	357	20.20	2 3/16	24
12	10	688	687	21.60	2 7/16	27
13	10¾P	60837	60837	23.00	2 7/16	31
14	11½	603	723	24.40	2 7/16	36
15	12¼	944	621	26.00	2 7/16	40
16	13	726	567	27.40	2 7/16	43
17	14	874		28.80	2 7/16	46
18	14¾	875	923	30.20	2 7/16	50
20	16½	793	322	33.20	2 7/16	60
22	18	566	578	36.00	2 7/16	70
24	19½	830	595	38.80	2 7/16	75
25	20½	749		40.80	2 7/16	79
27	22	876	877	44.60	2 7/16	80
28	23	767	707	46.60	2 7/16	81
30	24½	351	889	50.40	2 15/16	86
33	27	S-2784	27243	56.20	2 15/16	90
36	29¼	904	766	62.40	2 15/16	132
40	32¾	719		71.00	2 15/16	151
44	35¾		917	82.60	2 15/16	200
48	39	S-2790		98.40	2 15/16	230

No. 27

6▲	6	588		$18.20	2 7/16	18
7▲	7		218	19.60	2 7/16	19
8▲	7¾	653		21.20	2 7/16	20
9▲	8¾	326	529	22.60	2 7/16	21
10▲	9¾P	27142	27142	24.00	2 7/16	24
11▲	10½	903	831	25.40	2 7/16	26
12▲	11½	664	716	27.40	2 15/16	29
15	14½	324	325	33.20	2 15/16	56
16	15¼	S-2804	742	35.00	2 15/16	58
18	17¼	871		38.80	2 15/16	65
19	18	765		40.80	2 15/16	70
22	21	16433		46.60	2 15/16	83
23	22	S-2807	764	48.40	2 15/16	86
25	23¾	741	800	52.80	2 15/16	95
27	25¾	27182		57.60	2 15/16	105
29	27½	98		62.40	2 15/16	115
38	36	899		88.40	3 7/16	150
44	41¾	528		110.00	3 7/16	165
45	42¾	361		114.80	3 7/16	170
50	47½	905		128.60	3 7/16	210

No. 27 Sp.
Use No. 1 M. R. Sprockets. Page 156

No. SS 40
Use No. 103 Detachable Sprockets. Page 154

No. 112

6▲	8	338		$25.80	2 7/16	45
7▲	9¼	S- 875	642	28.00	2 7/16	50
8▲	10½P	367	367	30.40	2 15/16	55
9▲	11¾	502		32.60	3 7/16	70
10▲	13	516	457	35.00	3 7/16	75
11▲	14½	686	737	37.20	3 15/16	80
12▲	15½	505	531	40.00	3 15/16	90
14▲	18¼	810	908	46.40	3 15/16	120
15	19½	428	501	50.20	3 15/16	135
17	22	S-2827		57.60	4 15/16	165
18	23¼	329	720	61.20	3 15/16	175
19	24½	515		65.40	3 15/16	185

No. 112 (Continued)

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
20	25¾P	978	978	$69.40	3 15/16	200
22	28½	8		77.80	3 15/16	220
23	29¾		796	81.80	3 15/16	240
24	31	672	671	86.40	3 15/16	260
26	33½	797		99.40	3 15/16	275
28	36	736	27276	112.60	3 15/16	290
31	40	100		133.40	3 15/16	300
33	42½	456		147.20	3 15/16	330
37	47¾	981	735	176.60	3 15/16	400
40	51½P	28105	28105	198.80	4 15/16	475
46	59	500		247.40	4 15/16	600

No. 116

7▲	14	S-2844	37	$36.80	3 15/16	75
12	23¼	S-2848	13422	60.80	3 15/16	170
18	34¾		12915	104.80	3 15/16	260
21	40¼	38		135.20	3 15/16	410
34	65	12916				
42	80¼	199				

No. 116½
Use No. 126C M. R. Sprockets. Page 156

No. 117

6	12	684		$53.00	4 7/16	130
9	17½	683	113	60.80	4 15/16	185
13	25¼		27244	102.20	4 15/16	340

No. 120
Use No. 103 Detachable Sprockets. Page 154

No. SS 124
Use No. 124 Detachable Sprockets. Page 155

No. 149

10▲	13P	60019	60019	$30.20	2 15/16	55
12▲	15½P	63810	63810	36.00	3 7/16	80
19	24½	795		56.20	3 7/16	150

No. 152

6▲	3¾	61030	834	$ 9.00	15/16	5
9▲	5½P	60141	60141	10.60	1 7/16	7
12▲	7	833		13.00	1 15/16	12
15▲	9	295		15.00	1 15/16	16
18	10½	248		17.20	2 7/16	20

No. 180 and No. 276

5	20½	21	22	$46.00	2 15/16	150
6	24	102	101	56.00	2 15/16	190
8	31½P	974	974	78.00	3 7/16	230
9	35¼		26152	94.00	3 7/16	280

No. 182 and No. 182½

6	36	910	911	$128.00	3 7/16	370
8	47	960		202.00	4 7/16	550

No. 234—Use No. 1114

No. 276—Use No. 180

No. 301
Use No. 114 Detachable Sprockets. Page 155

No. 433½
Use No. 88 Detachable Sprockets. Page 154

▲ Plate Center Wheels; all others have arms.
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven

Jeffrey Sprockets for Steel Thimble Roller Chains

Cast Steel

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 435

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
7▲	9¼P	28206	28206	$30.00	3 7/16	70
10▲	13		27088	36.80	3 7/16	85
12	15½		88	43.80	3 7/16	105
13	16¾		141	46.00	3 7/16	115
20	25½	27089		73.60	4 7/16	200
23	29½	142		92.00	4 7/16	240
34	43¼	89		170.60	4 7/16	350

No. SS 520

Use No. 17

No. 575

13▲	21	623		$59.80	4 7/16	200
15▲	24½		841	70.00	4 7/16	220
30	48½	840		200.20	4 15/16	525

No. 809

6▲	18	S- 863		$44.00	2 15/16	90

No. 946

26	16½	29537		$29.80	2 7/16	70

No. 950

30▲	14½P	65073	65073	$26.60	2 7/16	44

No. 951

Use No. 126C M. R. Page 156

No. 982

Use No. 809

No. 1007

10▲	19½P	60915	60915	$49.60	3 15/16	140
12▲	23¼P	60914	60914	60.80	3 15/16	150
13▲	25P	64749	64749	66.80	3 15/16	160
14▲	27P	65954	65954	72.60	3 15/16	180
15▲	29P	60216	60216	78.60	3 15/16	200
16▲	30¾P	60221	60221	85.00	3 15/16	230

No. 1078

Use No. 180

No. 1094

Use No. 77 Detachable Sprockets. Page 154

No. 1095

Use No. 180

No. 1105

Use No. 182

No. 1106

8	31½P	62204	62204	$110.60	4 15/16	325

No. 1107

Use No. 180

No. 1114

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
6▲	7	278	277	$21.20	2 3/16	26
7▲	8		696	23.00	2 7/16	33
8▲	9¼	891	813	25.00	2 7/16	38
9▲	10¼	316	593	26.80	2 7/16	45
10▲	11½	S- 877	709	29.20	2 15/16	54
11▲	12½	906	346	31.60	2 15/16	56
12▲	13½	703	475	34.00	2 15/16	60
13▲	14¾	822	660	36.40	2 15/16	64
14	15¾	12592		38.80	2 15/16	68
15	17		334	41.20	2 15/16	72
16	18	823	824	43.60	2 15/16	76
17	19	12593		46.00	2 15/16	80
18	20¼	15942	743	48.40	2 15/16	90
19	21¼		636	50.80	2 15/16	95
20	22½	849	19	53.20	2 15/16	100
21	23½	S- 630	907	56.20	2 15/16	110
22	24½	821	916	59.00	2 15/16	125
24	26¾	915		65.80	2 15/16	140
25	28	347		69.20	2 15/16	145
27	30¼	893	825	75.80	2 15/16	160
29	32½	545		82.60	2 15/16	170
32	35¾	348		93.20	3 7/16	200
36	40¼	594	763	109.40	3 7/16	240
38	42½	586		118.00	3 7/16	260
43	48	708		144.00	3 7/16	310
50	56	66		191.00	3 7/16	400
56	62½	64894	970	232.80	3 7/16	475

No. 1126

Use No. 126 M. R. Sprockets. Page 156

No. 1126C

Use No. 126C M. R. Sprockets. Page 156

No. 1199

Use No. 809

No. 1234

Use No. 1114

No. 3007

Use No. 1007

Jeffrey Sprocket Wheels for Vulcan Chains

No. 119

4	21	693	15694	$56.60	3 7/16	160
5	26	15693	54	71.60	3 7/16	200
6	31	56	55	87.60	3 7/16	220

No. 211

Use No. 526

No. 241

Use No. 526

Nos. 313 and 313½

6	23¼	27013		$55.00	3 7/16	150

No. 327

6	23¼P	62546	62546	$63.60	3 15/16	175

No. 526

5	19½	S-3195		$40.00	2 15/16	80
6	23¼	62829	62828	47.60	3 7/16	100
7	27P	64632	64632	59.00	3 7/16	135

No. 527½ and No. 1127

6	15½P	62663	62663	$33.00	2 15/16	60

No. 558

7	36	920	127	$ 92.60	2 15/16	240

▲ Plate Center Wheels; all others have arms.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Vulcan Chains

Cast Steel

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 588
Use No. 119

No. 623½

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
5	38¾		7	$130.00	3 15/16	380

No. 627

No. of Teeth	Approx. Pitch Diam. In.	Pattern No. Driven	Pattern No. Driver	List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
4	31½P	64999	64999	$140.00	4 7/16	350
5	39		568	210.00	4 15/16	600

No. 1127—Use No. 527½

No. 1132—Use No. 526

No. 1219—Use No. 327

Jeffrey Sprocket Wheels for F. and R. Link Chains

No. 506

5	19½	‡S-3066		$37.40	2 15/16	70
9	34¾	313	314	81.40	2 15/16	165

Nos. 516 and 516½

5	19¾		†697	$50.60	2 15/16	75
6	23½	942		60.60	3 7/16	90
8	31		†674	81.40	3 15/16	140
9	34¾	‡S-3087	†651	93.60	3 15/16	180

Nos. 518 and 519

6	31¼		†712	$98.00	3 15/16	185

No. 520

5	26¼	†S- 994		$85.20	3 15/16	180

No. 520½

7	36¼	†S-3125		$170.60	3 15/16	430

Jeffrey Sprocket Wheels for Climax Chains

Cast Steel

No. 306½

5	19½	815		$57.80	3 7/16	110
7	27	951		80.80	3 15/16	170

No. 357½

14	62½	864	863	264.00	3 15/16	645

No. 358½

5	26	564	638	$88.00	4 7/16	200
6	31		562	112.80	4 15/16	280
7	36	563		143.00	4 15/16	308

No. 362½

6P	46½	61114	61114	236.60	4 15/16	450

Jeffrey Sprocket Wheels for Steel Bar Drag Chains

Nos. 560 and 595

6▲	12		650	$36.60	2 15/16	72

▲ Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

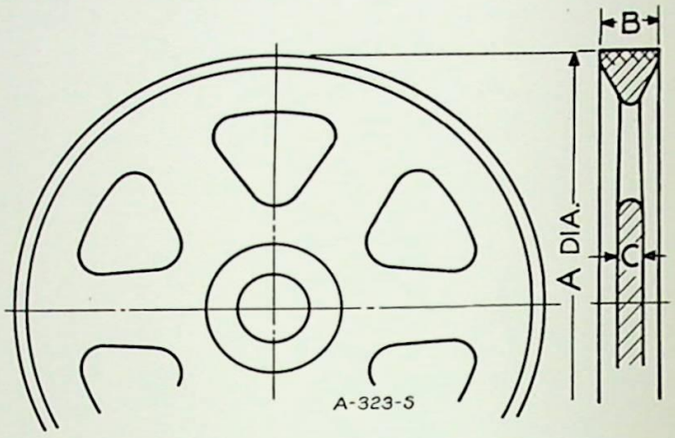
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven

‡Short or Long Tooth

†Long Tooth only. Short Tooth Sprockets (not marked) are Standard.

Jeffrey Traction Wheels

Made of Cast Iron with Chilled Rim



List Price and Dimensions (Listed by Diameter—For Chain List, See Page 162)

A Dia. In.	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B In.	C In.	Working Strength Pounds	A Dia. In.	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B In.	C In.	Working Strength Pounds
10▲	62240	$ 7.20	2 7/16	26	11/16	11/16	1000	18	62258	$13.20	2 15/16	57	15/16	7/8	2000
10▲	62254	7.80	2 7/16	27	15/16	3/4	2000	18	62266	14.60	2 15/16	65	1 1/8	7/8	2000
12▲	62241	8.60	2 7/16	30	11/16	11/16	1000	18	62274	14.60	2 15/16	65	1 1/8	15/16	3000
12▲	62255	9.40	2 15/16	40	15/16	3/4	2000	18▲	62285	21.60	3 7/16	100	1 1/8	5/8	5000
12▲	62282	10.60	2 15/16	48	1 1/8	3/4	5000	18	62383	21.20	2 15/16	100	1 1/2	15/16	3000
12▲	62304	12.00	2 15/16	55	1 13/16	3/4	5600	18	62389	21.60	3 7/16	94	1 1/2	1	5000
12▲	62326	13.00	2 15/16	62	2 1/4	3/4	7500	18	62295	16.20	2 15/16	85	1 13/16	13/16	1300
14	62242	10.00	2 7/16	35	11/16	5/8	1000	18▲	62307	16.20	2 15/16	85	1 13/16	3/4	5600
14	62246	10.50	2 15/16	45	15/16	5/8	1000	18	62312	19.80	2 15/16	100	2 1/4	15/16	2500
14	62256	10.50	2 15/16	45	15/16	13/16	2000	18▲	62329	19.80	2 15/16	100	2 1/4	3/4	7500
14	62264	12.00	2 15/16	55	1 1/8	13/16	2000	18	62337	23.60	3 7/16	145	2 7/8	15/16	2500
14▲	62283	12.00	2 15/16	55	1 1/8	5/8	5000	18▲	62343	23.60	3 7/16	145	2 7/8	3/4	10000
14	62293	13.00	2 15/16	61	1 13/16	11/16	1300	20	62244	13.00	2 7/16	52	11/16	11/16	1000
14▲	62305	13.00	2 15/16	61	1 13/16	3/4	5600	20	62249	14.40	2 15/16	65	15/16	3/4	1000
14▲	62327	15.60	2 15/16	80	2 1/4	3/4	7500	20	62259	14.40	2 15/16	65	15/16	15/16	2000
16	62247	12.20	2 15/16	51	15/16	11/16	1000	20	62267	15.80	2 15/16	76	1 1/8	15/16	2000
16	62257	12.20	2 15/16	51	15/16	7/8	2000	20	62275	15.80	2 15/16	80	1 1/8	1	3000
16	62265	12.60	2 15/16	60	1 1/8	7/8	2000	20▲	62286	23.60	3 7/16	130	1 1/8	5/8	5000
16▲	62284	13.20	2 15/16	60	1 1/8	5/8	5000	20	62384	22.40	2 15/16	115	1 1/2	1	3000
16	62382	18.40	2 15/16	82	1 1/2	15/16	3000	20	62390	25.80	3 7/16	110	1 1/2	1	5000
16▲	62388	19.60	2 15/16	85	1 1/2	3/4	5000	20	62296	18.40	2 15/16	93	1 13/16	13/16	1300
16	62294	15.20	2 15/16	69	1 13/16	3/4	1300	20	62300	18.40	2 15/16	93	1 13/16	1	3300
16▲	62306	15.20	2 15/16	69	1 13/16	3/4	5600	20	62308	18.40	2 15/16	93	1 13/16	3/4	5600
16▲	62328	17.00	2 15/16	92	2 1/4	3/4	5600	20	62313	21.40	2 15/16	106	2 1/4	15/16	2500
18	62243	12.00	2 7/16	45	11/16	11/16	1000	20	62330	21.40	2 15/16	106	2 1/4	3/4	7500
18	62248	13.20	2 15/16	57	15/16	3/4	1000	20	62338	26.00	3 7/16	165	2 7/8	15/16	2500

Jeffrey Traction Wheels

Made of Cast Iron with Chilled Rim (Cont'd)

List Price and Dimensions (Listed by Diameter—For Chain List, See Page 162)

A Dia. In.	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B In.	C In.	Working Strength Pounds
20▲	62344	$26.00	3 7/16	165	2 3/4	3/4	10000
22	62250	16.60	2 15/16	71	15/16	13/16	1000
22	62260	16.60	2 15/16	71	15/16	15/16	2000
22	62268	17.20	2 15/16	90	1 1/8	1	2000
22	62276	17.20	2 15/16	90	1 1/8	1	3000
22	62287	25.80	3 7/16	147	1 1/8	1 1/8	5000
22	62314	24.00	2 15/16	135	2 1/4	1	2500
22	62320	24.00	2 15/16	135	2 1/4	1 3/16	5000
22▲	62331	29.80	3 15/16	175	2 1/4	3/4	7500
22	62339	28.80	3 7/16	190	2 7/8	1	2500
22▲	62345	28.80	3 7/16	190	2 7/8	3/4	10000
24	62245	15.80	2 7/16	60	11/16	11/16	1000
24	62251	17.00	2 15/16	79	15/16	13/16	1000
24	62261	17.00	2 15/16	79	15/16	15/16	2000
24	62269	19.00	2 15/16	106	1 1/8	1	2000
24	62277	19.00	2 15/16	106	1 1/8	1 1/16	3000
24	62288	28.20	3 15/16	160	1 1/8	1 1/8	5000
24	62385	27.00	2 15/16	126	1 1/2	1 1/16	3000
24	62391	28.20	3 15/16	133	1 1/2	1 1/16	5000
24	62297	22.40	2 15/16	105	1 13/16	7/8	1300
24	62301	22.40	2 15/16	105	1 13/16	1 1/16	3300
24	62309	22.40	2 15/16	105	1 13/16	1 1/4	5600
24	62315	25.00	3 7/16	146	2 1/4	1	2500
24	62321	25.00	3 7/16	146	2 1/4	1 3/16	5000
24▲	62332	32.60	3 15/16	198	2 1/4	3/4	7500
24▲	65169	32.00	3 7/16	205	2 7/8	1	10000
26	62252	19.80	2 15/16	93	15/16	7/8	1000
26	62262	19.80	2 15/16	93	15/16	15/16	2000
26	62270	20.60	2 15/16	114	1 1/8	1 1/16	2000
26	62278	20.60	2 15/16	114	1 1/8	1 1/16	3000
26	62289	30.60	3 15/16	176	1 1/8	1 1/8	5000
26	64204	24.40	2 15/16	125	1 13/16	1 1/4	5600
26	62316	28.40	3 7/16	166	2 1/4	1 1/16	2500
26	62322	28.40	3 7/16	166	2 1/4	1 1/4	5000
26	62333	36.60	3 15/16	235	2 1/4	1 3/8	7500
28	62271	22.80	2 15/16	126	1 1/8	1 1/16	2000
28	62279	$22.80	2 15/16	126	1 1/8	1 1/8	3000
28	62290	33.20	3 15/16	180	1 1/8	1 1/8	5000
28	62386	32.00	2 15/16	149	1 1/2	1 1/8	3000
28	62392	33.20	3 15/16	165	1 1/2	1 1/8	5000
28	62298	26.40	2 15/16	150	1 13/16	15/16	1300
28	62302	26.40	2 15/16	150	1 13/16	1 1/8	3300
28	62310	26.40	2 15/16	150	1 13/16	1 5/16	5600
28	62317	30.20	3 7/16	180	2 1/4	1 1/16	2500
28	62323	30.20	3 7/16	180	2 1/4	1 1/4	5000
28	62334	38.40	3 15/16	260	2 1/4	1 3/8	7500
28	62340	37.40	3 7/16	250	2 7/8	1 1/16	2500
28	62346	37.40	3 7/16	250	2 7/8	1 7/16	10000
30	62253	22.40	2 15/16	103	15/16	7/8	1000
30	62263	22.40	2 15/16	103	15/16	15/16	2000
30	62272	25.00	2 15/16	138	1 1/8	1 1/8	2000
30	62280	25.00	2 15/16	138	1 1/8	1 1/8	3000
30	62291	36.00	3 15/16	228	1 1/8	1 1/8	5000
30	62387	35.00	3 7/16	170	1 1/2	1 1/8	3000
30	62393	36.00	3 15/16	187	1 1/2	1 3/16	5000
30	62299	29.40	2 15/16	170	1 13/16	1	1300
30	62303	29.40	2 15/16	170	1 13/16	1 1/16	3300
30	62311	29.40	2 15/16	170	1 13/16	1 3/8	5600
30	62341	40.20	3 7/16	270	2 7/8	1 1/16	2500
30	62347	40.20	3 7/16	270	2 3/4	1 7/16	10000
32	62318	35.80	3 7/16	200	2 1/4	1 1/8	2500
32	62324	35.80	3 7/16	200	2 1/4	1 5/16	5000
32	62335	46.40	3 15/16	320	2 1/4	1 7/16	7500
34	62342	50.00	3 15/16	330	2 7/8	1 3/16	2500
34	62348	50.00	3 15/16	330	2 7/8	1 1/2	10000
36	62273	34.00	3 7/16	189	1 1/8	1 1/8	2000
36	62281	34.00	3 7/16	189	1 1/8	1 1/8	3000
36	62292	44.80	3 15/16	265	1 1/8	1 1/8	5000
36	62319	42.20	3 7/16	240	2 1/4	1 3/16	2500
36	62325	42.20	3 7/16	240	2 1/4	1 3/8	5000
36	62336	61.60	3 15/16	410	2 1/4	1 1/2	7500

Jeffrey Traction Wheels

Made of Cast Iron with Chilled Rim

For Detachable Link, Mey-Oborn, Reliance, Pintle, Hercules, Peerless and Atlas Chains

(For List Arranged by Diameter, See Page 160)

No. 60 Reliance

Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.
10	62240	$ 7.20	2 7/16	26
12	62241	8.60	2 7/16	30
14	62242	10.00	2 7/16	35
18	62243	12.00	2 7/16	45
20	62244	13.00	2 7/16	52
24	62245	15.80	2 7/16	60

Nos. 67 and 77 Detachable

10	62240	$ 7.20	2 7/16	26
12	62241	8.60	2 7/16	30
14	62242	10.00	2 7/16	35
18	62243	12.00	2 7/16	45
20	62244	13.00	2 7/16	52
24	62245	15.80	2 7/16	60

Nos. 73, 74 and 78 Reliance

10	62254	$ 7.80	2 7/16	27
12	62255	9.40	2 15/16	40
14	62256	10.50	2 15/16	45
16	62257	12.20	2 15/16	51
18	62258	13.20	2 15/16	57
20	62259	14.40	2 15/16	65
22	62260	16.60	2 15/16	71
24	62261	17.00	2 15/16	79
26	62262	19.80	2 15/16	93
30	62263	22.40	2 15/16	103

No. 75 Reliance

10	62254	$ 7.80	2 7/16	27
12	62255	9.40	2 15/16	40
14	62246	10.50	2 15/16	45
16	62247	12.20	2 15/16	51
18	62248	13.20	2 15/16	57
20	62249	14.40	2 15/16	65
22	62250	16.60	2 15/16	71
24	62251	17.00	2 15/16	79
26	62252	19.80	2 15/16	93
30	62253	22.40	2 15/16	103

Nos. 78, 83 and 88 Detachable

10	62254	$ 7.80	2 7/16	27
12	62255	9.40	2 15/16	40
14	62246	10.50	2 15/16	45
16	62247	12.20	2 15/16	51
18	62248	13.20	2 15/16	57
20	62249	14.40	2 15/16	65
22	62250	16.60	2 15/16	71
24	62251	17.00	2 15/16	79
26	62252	19.80	2 15/16	93
30	62253	22.40	2 15/16	103

No. 82 Reliance

Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.
12	62282	$10.60	2 15/16	48
14	62283	12.00	2 15/16	55
16	62284	13.20	2 15/16	60
18	62274	14.60	2 15/16	65
20	62275	15.80	2 15/16	80
22	62276	17.20	2 15/16	90
24	62277	19.00	2 15/16	106
26	62278	20.60	2 15/16	114
28	62279	22.80	2 15/16	126
30	62280	25.00	2 15/16	138
36	62281	34.00	3 7/16	189

Nos. 85 and 95 Detachable

12	62304	$12.00	2 15/16	55
14	62293	13.00	2 15/16	61
16	62294	15.20	2 15/16	69
18	62295	16.20	2 15/16	85
20	62296	18.40	2 15/16	93
24	62297	22.40	2 15/16	105
28	62298	26.40	2 15/16	150
30	62299	29.40	2 15/16	170

No. 87 Reliance

16	62382	$18.40	2 15/16	82
18	62383	21.20	2 15/16	100
20	62384	22.40	2 15/16	115
24	62385	27.00	2 15/16	126
28	62386	32.00	2 15/16	149
30	62387	35.00	3 7/16	170

No. 95 Reliance

12	62304	$12.00	2 15/16	55
14	62305	13.00	2 15/16	61
16	62306	15.20	2 15/16	69
18	62307	16.20	2 15/16	85
20	62300	18.40	2 15/16	93
24	62301	22.40	2 15/16	105
28	62302	26.40	2 15/16	150
30	62303	29.40	2 15/16	170

Nos. 102, 102B and 110 Hercules

12	62304	$12.00	2 15/16	55
14	62305	13.00	2 15/16	61
16	62306	15.20	2 15/16	69
18	62307	16.20	2 15/16	85
20	62300	18.40	2 15/16	93
24	62301	22.40	2 15/16	105
28	62302	26.40	2 15/16	150
30	62303	29.40	2 15/16	170

Jeffrey Traction Wheels

Made of Cast Iron with Chilled Rim

For Detachable Link, Mey-Oborn, Reliance, Pintle, Hercules, Peerless and Atlas Chains

(For List Arranged by Diameter, See Page 160)

Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.
No. 102½ Hercules				
12	62304	$12.00	2 15/16	55
14	62305	13.00	2 15/16	61
16	62306	15.20	2 15/16	69
18	62307	16.20	2 15/16	85
20	62308	18.40	2 15/16	93
24	62309	22.40	2 15/16	105
26	64204	24.40	2 15/16	125
28	62310	26.40	2 15/16	150
30	62311	29.40	2 15/16	170
Nos. 103, 114 and 124 Detachable				
12	62282	$10.60	2 15/16	48
14	62264	12.00	2 15/16	55
16	62265	12.60	2 15/16	60
18	62266	14.60	2 15/16	65
20	62267	15.80	2 15/16	76
22	62268	17.20	2 15/16	90
24	62269	19.00	2 15/16	106
26	62270	20.60	2 15/16	114
28	62271	22.80	2 15/16	126
30	62272	25.00	2 15/16	138
36	62273	34.00	3 7/16	189
No. 104½ Detachable				
16	62382	$18.40	2 15/16	82
18	62383	21.20	2 15/16	100
20	62384	22.40	2 15/16	115
24	62385	27.00	2 15/16	126
28	62386	32.00	2 15/16	149
30	62387	35.00	3 7/16	170
No. 108 Detachable				
12	62326	$13.00	2 15/16	62
14	62327	15.60	2 15/16	80
16	62328	17.00	2 15/16	92
18	62312	19.80	2 15/16	100
20	62313	21.40	2 15/16	106
22	62314	24.00	2 15/16	135
24	62315	25.00	3 7/16	146
26	62316	28.40	3 7/16	166
28	62317	30.20	3 7/16	180
32	62318	35.80	3 7/16	200
36	62319	42.20	3 7/16	240
Nos. 111 and 111 Sp. Hercules				
12	62326	$13.00	2 15/16	62
14	62327	15.60	2 15/16	80
16	62328	17.00	2 15/16	92
18	62329	19.80	2 15/16	100
20	62330	21.40	2 15/16	106
22	62320	24.00	2 15/16	135
24	62321	25.00	3 7/16	146
26	62322	28.40	3 7/16	166
28	62323	$30.20	3 7/16	180
32	62324	35.80	3 7/16	200
36	62325	42.20	3 7/16	240
No. 122 Detachable				
18	62337	$23.60	3 7/16	145
20	62338	26.00	3 7/16	165
22	62339	28.80	3 7/16	190
28	62340	37.40	3 7/16	250
30	62341	40.20	3 7/16	270
34	62342	50.00	3 15/16	330
No. 124 Reliance				
16	62388	$19.60	2 15/16	85
18	62389	21.60	3 7/16	94
20	62390	25.80	3 7/16	110
24	62391	28.20	3 15/16	133
28	62392	33.20	3 15/16	165
30	62393	36.00	3 15/16	187
No. 131 Hercules				
12	62282	$10.60	2 15/16	48
14	62283	12.00	2 15/16	55
16	62284	13.20	2 15/16	60
18	62274	14.60	2 15/16	65
20	62275	15.80	2 15/16	80
22	62276	17.20	2 15/16	90
24	62277	19.00	2 15/16	106
26	62278	20.60	2 15/16	114
28	62279	22.80	2 15/16	126
30	62280	25.00	2 15/16	138
36	62281	34.00	3 7/16	189
No. 132 Hercules				
18	62343	$23.60	3 7/16	145
20	62344	26.00	3 7/16	165
22	62345	28.80	3 7/16	190
24	65169	32.00	3 7/16	205
28	62346	37.40	3 7/16	250
30	62347	40.20	3 7/16	270
34	62348	50.00	3 15/16	330
No. 188 Hercules				
10	62254	$ 7.80	2 7/16	27
12	62255	9.40	2 15/16	40
14	62256	10.50	2 15/16	45
16	62257	12.20	2 15/16	51
18	62258	13.20	2 15/16	57
20	62259	14.40	2 15/16	65
22	62260	16.60	2 15/16	71
24	62261	17.00	2 15/16	79
26	62262	19.80	2 15/16	93
30	62263	22.40	2 15/16	103

Jeffrey Traction Wheels

Made of Cast Iron with Chilled Rim

For Detachable Link, Mey-Oborn, Reliance, Pintle, Hercules, Peerless and Atlas Chains
(For List Arranged by Diameter, See Page 160)

Nos. 620, 631 and 730 Atlas

Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.
12	62282	$10.60	2 15/16	48
14	62283	12.00	2 15/16	55
16	62284	13.20	2 15/16	60
18	62285	21.60	3 7/16	100
20	62286	23.60	3 7/16	130
22	62287	25.80	3 7/16	147
24	62288	28.20	3 15/16	160
26	62289	30.60	3 15/16	176
28	62290	33.20	3 15/16	180
30	62291	36.00	3 15/16	228
36	62292	44.80	3 15/16	265

No. 710 Atlas

12	62326	$13.00	2 15/16	62
14	62327	15.60	2 15/16	80
16	62328	17.00	2 15/16	92
18	62312	19.80	2 15/16	100
20	62313	21.40	2 15/16	106
22	62314	24.00	2 15/16	135
24	62315	25.00	3 7/16	146
26	62316	28.40	3 7/16	166
28	62317	30.20	3 7/16	180
32	62318	35.80	3 7/16	200
36	62319	42.20	3 7/16	240

No. 823 Peerless

12	62282	$10.60	2 15/16	48
14	62283	12.00	2 15/16	55
16	62284	13.20	2 15/16	60
18	62274	14.60	2 15/16	65
20	62275	15.80	2 15/16	80
22	62276	17.20	2 15/16	90
24	62277	19.00	2 15/16	106
26	62278	20.60	2 15/16	114
28	62279	22.80	2 15/16	126
30	62280	25.00	2 15/16	138
36	62281	34.00	3 7/16	189

Nos. 825 and 830 Peerless

12	62282	$10.60	2 15/16	48
14	62283	12.00	2 15/16	55
16	62284	13.20	2 15/16	60
18	62285	21.60	3 7/16	100
20	62286	23.60	3 7/16	130
22	62287	25.80	3 7/16	147
24	62288	28.20	3 15/16	160
26	62289	30.60	3 15/16	176
28	62290	33.20	3 15/16	180
30	62291	36.00	3 15/16	228
36	62292	44.80	3 15/16	265

No. 835 Peerless

Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.
12	62326	$13.00	2 15/16	62
14	62327	15.60	2 15/16	80
16	62328	17.00	2 15/16	92
18	62329	19.80	2 15/16	100
20	62330	21.40	2 15/16	106
22	62320	24.00	2 15/16	135
24	62321	25.00	3 7/16	146
26	62322	28.40	3 7/16	166
28	62323	30.20	3 7/16	180
32	62324	35.80	3 7/16	200
36	62325	42.20	3 7/16	240

No. 843 Peerless

16	62388	$19.60	2 15/16	85
18	62389	21.60	3 7/16	94
20	62390	25.80	3 7/16	110
24	62391	28.20	3 15/16	133
28	62392	33.20	3 15/16	165
30	62393	36.00	3 15/16	187

No. 844 Peerless

12	62326	$13.00	2 15/16	62
14	62327	15.60	2 15/16	80
16	62328	17.00	2 15/16	92
18	62329	19.80	2 15/16	100
20	62330	21.40	2 15/16	106
22	62331	29.80	3 15/16	175
24	62332	32.60	3 15/16	198
26	62333	36.60	3 15/16	235
28	62334	38.40	3 15/16	260
32	62335	46.40	3 15/16	320
36	62336	61.60	3 15/16	410

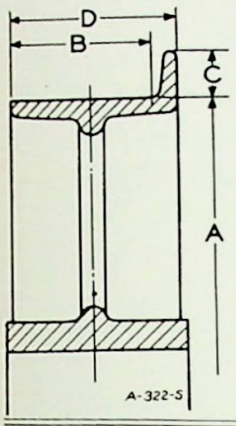
No. 847 Peerless

18	62343	$23.60	3 7/16	145
20	62344	26.00	3 7/16	165
22	62345	28.80	3 7/16	190
24	65169	32.00	3 7/16	205
28	62346	37.40	3 7/16	250
30	62347	40.20	3 7/16	270
34	62348	50.00	3 15/16	330

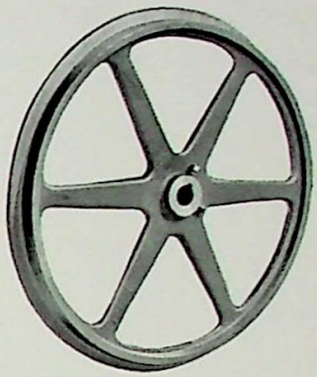
No. 4103 Pintle

12	62282	$10.60	2 15/16	48
14	62283	12.00	2 15/16	55
16	62284	13.20	2 15/16	60
18	62285	21.60	3 7/16	100
20	62286	23.60	3 7/16	130
22	62287	25.80	3 7/16	147
24	62288	28.20	3 15/16	160
26	62289	30.60	3 15/16	176
28	62290	33.20	3 15/16	180
30	62291	36.00	3 15/16	228
36	62292	44.80	3 15/16	265

Jeffrey Single Flanged Idlers



Furnished in Cast Iron or Cast Steel



List Price, Weights and Dimensions
Cast Iron Single Flanged Idlers

For Detachable Link Chains

Nos. 67, 75 and 77

A Diam. In.	Pattern No.	List Price Each	Largest Bore at Reg. Price	Average Weight Each Pounds	B Face In.	C Depth Flange In.	D Width Overall
8¼	29664	$ 8.00	2 7/16	35	2½	2	2 15/16
12	29670	11.00	2 15/16	46	2¼	1¼	2 15/16
18¾	29657	14.60	2 15/16	77	2¼	1½	3
20	29642	17.00	2 15/16	75	2⅜	1 9/16	3 5/16
37	29645	32.00	2 15/16	149	2⅛	¾	2⅝

Nos. 78 and 88

8	29660	$ 8.20	2 7/16	24	2¾	⅞	3 7/16
12	29686	11.40	2 15/16	45	2½	1½	3 3/16
14¼	29697	12.00	2 15/16	69	2⅝	1 1/16	3⅜
16⅝	29669	13.20	2 15/16	60	2½	1 5/16	3 3/16
18	29691	13.60	2 15/16	60	2⅝	1	3 5/16
21¾	29635	19.00	2 15/16	92	2¾	2	3½
23¾	29641	20.00	2 15/16	109	2½	1½	3⅜
30	29651	23.40	2 15/16	117	2½	1	3¼

No. 83

10	8200	$10.80	2 15/16	50	3	1	4
15⅛	29685	12.40	2 15/16	53	2¾	1	3⅜
22⅛	26825	18.40	2 15/16	99	3	1⅜	3⅞

Nos. 85, 95 and 104½

18	29693	$14.00	2 15/16	65	3⅞	1 3/16	4 9/16
24	29644	33.00	3 7/16	195	4	1¼	4¾

No. 103

10	8200	$10.80	2 15/16	50	3	1	4
22⅛	26825	18.40	2 15/16	99	3	1⅜	3⅞
31	29652	38.00	3 7/16	202	3	2 7/16	4

No. 108

12	29682	$13.40	2 15/16	60	5	9/16	5 11/16

Nos. 114 and 124

18	29693	$14.00	2 15/16	65	3⅞	1 3/16	4 9/16

For Hercules Chains

No. 102

12	29682	$13.40	2 15/16	60	5	9/16	5 11/16
24	29644	33.00	3 7/16	195	4	1¼	4¾

Nos. 102B and 110

12	29682	$13.40	2 15/16	60	5	9/16	5 11/16

No. 131

10	29671	$11.00	2 15/16	42	3⅞	1	4½
18	29693	14.00	2 15/16	65	3⅞	1 3/16	4 9/16
24	29644	33.00	3 7/16	195	4	1¼	4¾

No. 188

8	29660	$ 8.20	2 7/16	24	2¾	⅞	3 7/16
10	29665	10.00	2 7/16	40	2¾	1¼	3⅜
15⅛	29685	12.40	2 15/16	53	2¾	1	3⅜
16	29696	17.40	2 15/16	83	2⅞	1 9/16	3¾
22¾	29640	20.00	2 15/16	109	2¾	2	3½

For Reliance Chains

No. 60

A Diam. In.	Pattern No.	List Price Each	Largest Bore at Reg. Price	Average Weight Each Pounds	B Face In.	C Depth Flange In.	D Width Overall
12	29670	$11.00	2 15/16	46	2¼	1¼	2 15/16
18¾	29657	14.60	2 15/16	77	2¼	1½	3

No. 73

10	29665	$10.00	2 7/16	40	2¾	1¼	3⅜
12	29686	11.40	2 15/16	45	2½	1½	3 3/16
14¼	29697	12.00	2 15/16	69	2⅝	1 1/16	3⅜
16⅝	29669	13.20	2 15/16	60	2½	1 5/16	3 3/16
20	29634	18.80	2 15/16	107	2½	1 7/16	3 7/16

Nos. 74 and 75

8¼	29664	$ 8.00	2 7/16	35	2½	2	2 15/16
12	29686	11.40	2 15/16	45	2½	1½	3 3/16
16⅝	29669	13.20	2 15/16	60	2½	1 5/16	3 3/16
19¾	29643	16.00	2 15/16	75	2⅜	15/16	3

No. 78

8	29660	$ 8.20	2 7/16	24	2¾	⅞	3 7/16
10	29665	10.00	2 7/16	40	2¾	1¼	3⅜
14¼	29697	12.00	2 15/16	69	2⅝	1 1/16	3⅜
18	29691	13.60	2 15/16	60	2⅝	1	3 5/16
21¾	29635	19.00	2 15/16	92	2¾	2	3½
22¾	29640	20.00	2 15/16	109	2¾	2	3½

No. 82

10	8200	$10.80	2 15/16	50	3	1	4

No. 124

24	29644	$33.00	3 7/16	195	4	1¼	4¾

For Peerless Chains

No. 823

18	29693	$14.00	2 15/16	65	3⅞	1 3/16	4 9/16

For Atlas Chains

No. 730

18	29693	$14.00	2 15/16	65	3⅞	1 3/16	4 9/16
64	60144	130.00	3 15/16	687	4	1½	5

For Malleable Roller Chains

Nos. 1, 2 and 2 Sp.

8	29660	$ 8.20	2 7/16	24	2¾	⅞	3 7/16
12	29686	11.40	2 15/16	45	2½	1½	3 3/16
16	29696	17.40	2 15/16	83	2⅞	1 9/16	3¾
20	29634	18.80	2 15/16	107	2½	1 7/16	3 7/16
24	29636	24.00	2 15/16	119	2⅝	1 7/16	3⅜

Nos. 3 and 124

10	8200	$10.80	2 15/16	50	3	1	4
31	29652	38.00	3 7/16	202	3	2 7/16	4

Nos. 5, 5c, 156 and 156c

10	29671	$11.00	2 15/16	42	3⅞	1	4½

Jeffrey Single Flanged Idlers

List Price, Weights and Dimensions

For Malleable Roller Chains---Cont'd.

Nos. 6 and 6c

A Diam. In.	Pattern No.	List Price Each	Largest Bore at Reg. Price	Average Weight Each Pounds	B Face In.	C Depth Flange In.	D Width Overall
12	29682	$13.40	2 15/16	60	5	9/16	5 11/16

Nos. 14 and 14½

12	29686	$11.40	2 15/16	45	2½	1½	3 3/16
16 5/8	29669	13.20	2 15/16	60	2½	1 5/16	3 3/16
19¾	29643	16.00	2 15/16	75	2 3/8	15/16	3
23¾	29641	20.00	2 15/16	109	2½	1½	3 3/8
29¾	29650	26.00	2 15/16	133	2½	1 9/16	3½
37	29645	32.00	2 15/16	149	2⅛	¾	2 5/8

Nos. 17, 18, 21c and 62

18¾	29657	$14.60	2 15/16	77	2¼	1½	3
37	29645	32.00	2 15/16	149	2⅛	¾	2 5/8

Nos. 23c, 126 and 126c

8	29660	$ 8.20	2 7/16	24	2¾	⅞	3 7/16
12	29687	12.00	2 15/16	50	2 9/16	1	3 5/16
16	29696	17.40	2 15/16	83	2⅞	1 9/16	3¾
21¾	29635	19.00	2 15/16	92	2¾	2	3½
24	29636	24.00	2 15/16	119	2 5/8	1 7/16	3 3/8

No. 62

Use No. 17 Malleable Roller

No. 124

Use No. 3 Malleable Roller

Nos. 126 and 126c

Use No. 23c Malleable Roller

Nos. 156 and 156c

Use No. 5 Malleable Roller

For Steel Thimble Roller Chains

No. 17

12	29670	$11.00	2 15/16	46	2¼	1¼	2 15/16
18¾	29657	14.60	2 15/16	77	2¼	1½	3

No. 27

Use No. 1114 S. T. R.

No. 27 Sp.

8¼	29664	$ 8.00	2 7/16	35	2½	2	2 15/16
12	29686	11.40	2 15/16	45	2½	1½	3 3/16
16 5/8	29669	13.20	2 15/16	60	2½	1 5/16	3 3/16
20	29634	18.80	2 15/16	107	2½	1 7/16	3 7/16
24	29636	24.00	2 15/16	119	2 5/8	1 7/16	3 3/8

No. 112

10	29671	$11.00	2 15/16	42	3⅞	1	4½
24	29644	33.00	3 7/16	195	4	1¼	4¾
64	60144	130.00	3 15/16	687	4	1½	5

No. 116

Use No. 112 S. T. R.

No. 120

Use No. 1114 S. T. R.

No. 149

Use No. 1114 S. T. R.

No. 234

10	8200	$10.80	2 15/16	50	3	1	4
24	29644	33.00	3 7/16	195	4	1¼	4¾
64	60144	130.00	3 15/16	687	4	1½	5

No. 301

Use No. 1114 S. T. R.

No. 433½

8¼	29664	$ 8.00	2 7/16	35	2½	2	2 15/16
12	29670	11.00	2 15/16	46	2¼	1¼	2 15/16
16 5/8	29669	13.20	2 15/16	60	2½	1 5/16	3 3/16
20	29634	18.80	2 15/16	107	2½	1 7/16	3 7/16
23¾	29641	20.00	2 15/16	109	2½	1½	3 3/8
29¾	29650	26.00	2 15/16	133	2½	1 9/16	3½

For Steel Thimble Roller Chains---Cont'd

No. 575

A Diam. In.	Pattern No.	List Price Each	Largest Bore at Reg. Price	Average Weight Each Pounds	B Face In.	C Depth Flange In.	D Width Overall
10	29671	$11.00	2 15/16	42	3⅞	1	4½
24	29644	33.00	3 7/16	195	4	1¼	4¾

No. 1114

8	29659	$ 9.60	2 7/16	28	2¾	⅞	3 7/16
12	29686	11.40	2 15/16	45	2½	1½	3 3/16
15⅛	29685	12.40	2 15/16	53	2¾	1	3 3/8
18	29693	14.00	2 15/16	65	3⅞	1 3/16	4 9/16
19¾	29643	16.00	2 15/16	75	2 3/8	15/16	3
24	29636	24.00	2 15/16	119	2 5/8	1 7/16	3 3/8

Nos. 1126 and 1126c

Use No. 1114 S. T. R.

For Vulcan Chains

No. 119

18	29693	$14.00	2 15/16	65	3⅞	1 3/16	4 9/16
24	29644	33.00	3 7/16	195	4	1¼	4¾
64	60144	130.00	3 15/16	687	4	1½	5

Nos. 211, 241 and 526

12	29670	$11.00	2 15/16	46	2¼	1¼	2 15/16
18¾	29657	14.60	2 15/16	77	2¼	1½	3
19¾	29643	16.00	2 15/16	75	2 3/8	15/16	3
37	29645	32.00	2 15/16	149	2⅛	¾	2 5/8

Nos. 313 and 558

12	29686	$11.40	2 15/16	45	2½	1½	3 3/16
16 5/8	29669	13.20	2 15/16	60	2½	1 5/16	3 3/16
20	29634	18.80	2 15/16	107	2½	1 7/16	3 7/16
23¾	29641	20.00	2 15/16	109	2½	1½	3 3/8

No. 327

10	8200	$10.80	2 15/16	50	3	1	4
31	29652	38.00	3 7/16	202	3	2 7/16	4

No. 526

Use No. 211

No. 558

Use No. 313

For Flat and Round Link Chains

Nos. 504½ and 506

8	29660	$ 8.20	2 7/16	24	2¾	⅞	3 7/16
10	29665	10.00	2 7/16	40	2¾	1¼	3 3/8
15⅛	29685	12.40	2 15/16	53	2¾	1	3 3/8
20	29634	18.80	2 15/16	107	2½	1 7/16	3 7/16
22¾	29640	20.00	2 15/16	109	2¾	2	3½
31	29652	38.00	3 7/16	202	3	2 7/16	4

No. 516

12	60231	$13.00	2 15/16	48	3½	1½	4¼
18	29693	14.00	2 15/16	65	3⅞	1 3/16	4 9/16
31	29652	38.00	3 7/16	202	3	2 7/16	4

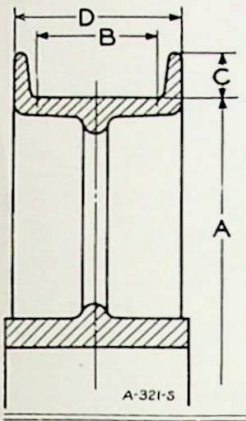
Nos. 516½ and 518

10	29671	$11.00	2 15/16	42	3⅞	1	4½
24	29644	33.00	3 7/16	195	4	1¼	4¾
64	60144	130.00	3 15/16	687	4	1½	5

Nos. 520, 520½ and 521

12	29682	$13.40	2 15/16	60	5	9/16	5 11/16

Jeffrey Double Flanged Idlers



Furnished In Cast Iron or Cast Steel

Cast Iron Double Flanged Idlers

List Price, Weight and Dimensions

For Detachable Link Chain

Nos. 57, 62 and 66

A Diam. Inches	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B Face In.	C Depth In.	D Width Overall
8	29663	$ 7.00	1 15/16	26	1 7/8	15/16	3
10	29673	10.60	2 7/16	47	2	1 1/4	2 15/16
19 7/8	29690	16.00	2 7/16	72	1 7/8	1 1/16	3
23 1/4	29629	18.00	2 7/16	72	1 3/4	1 1/4	3

Nos. 67, 75 and 77

12 1/4	29688	$11.00	2 15/16	48	2 1/2	3/4	3 1/2
16	29689	14.00	2 15/16	50	2 1/4	7/8	3 3/8
18	29630	16.00	2 15/16	77	2 1/4	1 1/16	3 1/2
19 3/4	29637	19.00	2 15/16	90	2 1/4	1 3/16	3 1/2
23	29654	21.00	2 15/16	93	2 1/4	1 1/8	3 1/2

Nos. 78 and 88

11	29681	$10.80	2 7/16	50	2 3/4	1 1/2	4 1/4
12	29658	12.00	2 7/16	57	2 1/2	1 1/4	3 5/8
17 7/8	29694	15.60	2 15/16	83	2 7/8	1 1/2	4 1/8

Nos. 85 and 95

12	29672	$14.60	2 15/16	77	4 1/4	1 1/2	7
13	29684	14.40	2 15/16	73	4	1 1/4	5

No. 104 1/2

13	29684	$14.40	2 15/16	73	4	1 1/4	5
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2
25 3/4	29628	25.00	2 15/16	134	3 5/8	1 3/8	4 7/8

No. 108

12	29666	$15.60	2 15/16	72	4 3/4	7/8	6 1/8

No. 114

18	13210	$21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2
25 3/4	29628	25.00	2 15/16	134	3 5/8	1 3/8	4 7/8

No. 124

13	29684	$14.40	2 15/16	73	4	1 1/4	5

For Hercules Chain

No. 102

8 1/4	13569	$ 9.00	2 7/16	35	4 1/8	7/8	5 1/4
12	12092	16.00	2 15/16	91	4 1/4	1 1/4	6
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2

Nos. 102B, 102 1/2 and 110

8	15885	$12.00	2 7/16	44	5 5/8	1	6 7/8
12	13068	16.80	2 15/16	90	4 13/16	1 1/4	6 1/2
16	29633	24.00	2 15/16	134	5 1/2	1 1/2	7 1/8
18	29632	22.00	2 15/16	110	4 1/2	3/4	5 3/4
27 1/2	29638	50.40	3 7/16	300	5 1/8	1 5/8	7 1/4

Nos. 111 and 111 Sp.

8	15885	$12.00	2 7/16	44	5 5/8	1	6 7/8
12	13600	18.60	2 15/16	90	6	1 3/8	8
16	29633	24.00	2 15/16	134	5 1/2	1 1/2	7 1/8
20	29625	32.60	3 7/16	190	6	1 3/8	7 5/8
27 1/2	29638	50.40	3 7/16	300	5 1/8	1 5/8	7 1/4

For Hercules Chain—Cont'd.

No. 131

A Diam. Inches	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B Face In.	C Depth In.	D Width Overall
8	17273	*$14.80	2 7/16	70	4	1 1/2	5 1/4
12	3916	15.00	2 15/16	76	3 1/2	1 1/2	4 3/4
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2

No. 132

12	13600	$18.60	2 15/16	90	6	1 3/8	8
30 1/4	4776	61.00	3 7/16	365	6 1/2	1 1/2	9 1/8

No. 188

8	29667	$ 7.60	1 15/16	30	2 3/8	3/4	3 9/16
10	29668	9.60	2 7/16	31	2 1/2	13/16	3 3/8
12 1/4	29688	11.00	2 15/16	48	2 1/2	3/4	3 1/2
16	29695	13.20	2 15/16	55	2 3/4	1 1/2	4 1/4
20	60069	22.60	2 15/16	124	3	1 1/2	4 5/8

* Extra Heavy Wheel—Finished Face.

For Reliance Drive Chains

No. 60

16	29689	$14.00	2 15/16	50	2 1/4	7/8	3 3/8
18	29630	16.00	2 15/16	77	2 1/4	1 1/16	3 1/2
19 7/8	60071	17.80	2 15/16	96	2 1/8	1 7/16	3 1/2

No. 73

11	29681	$10.80	2 7/16	50	2 3/4	1 1/2	4 1/4
12	29658	12.00	2 15/16	57	2 1/2	1 1/4	3 5/8
14 1/4	60070	13.00	2 15/16	60	2 7/8	7/8	3 3/4
16	29695	13.20	2 15/16	55	2 3/4	1 1/2	4 1/4

Nos. 74 and 75

10	29668	$ 9.60	2 7/16	31	2 1/2	13/16	3 3/8
11	29681	10.80	2 7/16	50	2 3/4	1 1/2	4 1/4
12 1/4	29688	11.00	2 15/16	48	2 1/2	3/4	3 1/2

No. 78

12	29655	$12.40	2 15/16	61	2 3/4	1 1/2	4
14 1/4	60070	13.00	2 15/16	60	2 7/8	7/8	3 3/4
16	29695	13.20	2 15/16	55	2 3/4	1 1/2	4 1/4

Nos. 87 and 95

12	3916	$15.00	2 15/16	76	3 1/2	1 1/2	4 3/4
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2

No. 124

12	29672	$14.60	2 15/16	77	4 1/4	1 1/2	7

For Peerless Chain

No. 823

12	3916	$15.00	2 15/16	76	3 1/2	1 1/2	4 3/4
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2

No. 825

12	29666	$15.60	2 15/16	72	4 3/4	7/8	6 1/8
18	29632	22.00	2 15/16	110	4 1/2	3/4	5 3/4

Nos. 835, 843 and 844

16	29633	$24.00	2 15/16	134	5 1/2	1 1/2	7 1/8
20	29625	32.60	3 7/16	190	6	1 3/8	7 5/8

Jeffrey Double Flanged Idlers

List Price, Weight and Dimensions

For Atlas Chains

No. 620

A Diam. Inches	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B Face In.	C Depth In.	D Width Overall
12	29672	$14.60	2 15/16	77	4 1/4	1 1/2	7
18	29632	22.00	2 15/16	110	4 1/2	3/4	5 3/4

No. 631

18	29632	$22.00	2 15/16	110	4 1/2	3/4	5 3/4

No. 730

13	29684	$14.40	2 15/16	73	4	1 1/4	5
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2
25 3/4	29628	25.00	2 15/16	134	3 5/8	1 3/8	4 7/8

For Malleable Roller Chains

Nos. 3 and 124

12	3916	$15.00	2 15/16	76	3 1/2	1 1/2	4 3/4
13	29684	14.40	2 15/16	73	4	1 1/4	5

Nos. 5, 5C, 156 and 156C

21	29653	$27.00	3 7/16	132	3 1/4	1 3/8	5

Nos. 6 and 6C

12	29666	$15.60	2 15/16	72	4 3/4	7/8	6 1/8
18	29626	33.80	3 7/16	200	5 1/8	1 5/8	7

Nos. 9½ and 9½ Sp.

19 7/8	29690	$16.00	2 7/16	72	1 7/8	1 1/16	3
23 1/4	29629	18.00	2 7/16	72	1 3/4	1 1/4	3

Nos. 14 and 14½

10	29668	$ 9.60	2 7/16	31	2 1/2	13/16	3 3/8
14 1/4	60070	13.00	2 15/16	60	2 7/8	7/8	3 3/4
18	29630	16.00	2 15/16	77	2 1/4	1 1/16	3 1/2
23	29654	21.00	2 15/16	93	2 1/4	1 1/8	3 1/2
29	29647	28.00	2 15/16	115	2	1 1/8	3 5/8

Nos. 17, 18, 21C and 62

10	29673	$10.60	2 7/16	47	2	1 1/4	2 15/16
12	29658	12.00	2 15/16	57	2 1/2	1 1/4	3 5/8
16	29689	14.00	2 15/16	50	2 1/4	7/8	3 3/8
18	29630	16.00	2 15/16	77	2 1/4	1 1/16	3 1/2
23	29654	21.00	2 15/16	93	2 1/4	1 1/8	3 1/2
29	29647	28.00	2 15/16	115	2	1 1/8	3 5/8

No. 62

Use No. 17 Malleable Roller

No. 124

Use No. 3 Malleable Roller

Nos. 156 and 156C

Use No. 5 Malleable Roller

For Steel Thimble Roller Chains

No. 17

10	29668	$ 9.60	2 7/16	31	2 1/2	13/16	3 3/8
14 1/4	60070	13.00	2 15/16	60	2 7/8	7/8	3 3/4
18	29630	16.00	2 15/16	77	2 1/4	1 1/16	3 1/2
19 3/4	29637	19.00	2 15/16	90	2 1/4	1 3/16	3 1/2

No. 27

11	29681	$10.80	2 7/16	50	2 3/4	1 1/2	4 1/4
16	29695	13.20	2 15/16	55	2 3/4	1 1/2	4 1/4
20	60069	22.60	2 15/16	124	3	1 1/2	4 5/8

No. 27 Sp.

10	29668	$ 9.60	2 7/16	31	2 1/2	13/16	3 3/8
14 1/4	60070	13.00	2 15/16	60	2 7/8	7/8	3 3/4

No. 112

18	29632	$22.00	2 15/16	110	4 1/2	3/4	5 3/4

No. 116

Use No. 112 S T R

No. 120

Use No. 1114 S T R

For Steel Thimble Roller Chains—Cont'd.

No. 149

Use No. 27 S T R

No. 234

A Diam. Inches	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B Face In.	C Depth In.	D Width Overall
13	29684	$14.40	2 15/16	73	4	1 1/4	5
18	29632	22.00	2 15/16	110	4 1/2	3/4	5 3/4

No. 301

Use No. 1114 S T R

No. 433½

10	29668	$ 9.60	2 7/16	31	2 1/2	13/16	3 3/8
14 1/4	60070	13.00	2 15/16	60	2 7/8	7/8	3 3/4
18	29630	16.00	2 15/16	77	2 1/4	1 1/16	3 1/2

No. 575

12	29666	$15.60	2 15/16	72	4 3/4	7/8	6 1/8

No. 1114

13	29684	$14.40	2 15/16	73	4	1 1/4	5
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
21	29653	27.00	3 7/16	132	3 1/4	1 3/8	5

Nos. 1126 and 1126C

Use No. 1114 S T R

For Vulcan Chains

No. 119

12	3916	$15.00	2 15/16	76	3 1/2	1 1/2	4 3/4
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2

Nos. 211, 241 and 526

10	29668	$ 9.60	2 7/16	31	2 1/2	13/16	3 3/8
12 1/4	29688	11.00	2 15/16	48	2 1/2	3/4	3 1/2
16	29689	14.00	2 15/16	50	2 1/4	7/8	3 3/8
19 3/4	29637	19.00	2 15/16	90	2 1/4	1 3/16	3 1/2

Nos. 313 and 558

10	29668	$ 9.60	2 7/16	31	2 1/2	13/16	3 3/8
12	29658	12.00	2 15/16	57	2 1/2	1 1/4	3 5/8

No. 327

12	3916	$15.00	2 15/16	76	3 1/2	1 1/2	4 3/4
18	3474	21.00	3 7/16	100	3 3/8	3/4	4 5/8
21	29653	27.00	3 7/16	132	3 1/4	1 3/8	5

No. 526

Use No. 211

No. 558

Use No. 313

No. 627

16	29633	$24.00	2 15/16	134	5 1/2	1 1/2	7 1/8
18	29626	33.80	3 7/16	200	5 1/8	1 5/8	7
27 1/2	29638	50.40	3 7/16	300	5 1/8	1 5/8	7 1/4

For Flat and Round Link Chains

Nos. 504½ and 506

10	29668	$ 9.60	2 7/16	31	2 1/2	13/16	3 3/8
11	29681	10.80	2 7/16	50	2 3/4	1 1/2	4 1/4
12	29658	12.00	2 15/16	57	2 1/2	1 1/4	3 5/8
16	29695	13.20	2 15/16	55	2 3/4	1 1/2	4 1/4
20	60069	22.60	2 15/16	124	3	1 1/2	4 5/8

Nos. 516½ and 518

12	29672	$14.60	2 15/16	77	4 1/4	1 1/2	7

No. 520

12	29672	$14.60	2 15/16	77	4 1/4	1 1/2	7
27 1/2	29638	50.40	3 7/16	300	5 1/8	1 5/8	7 1/4

Nos. 520½ and 521

16	29633	$24.00	2 15/16	134	5 1/2	1 1/2	7 1/8
27 1/2	29638	50.40	3 7/16	300	5 1/8	1 5/8	7 1/4

Jeffrey Steel Shafting

True, Straight and Standard Gauge

Diam. In.	Weight per Foot Lbs.	Base List Price per Foot	Net Price per Foot to be added after discount is taken from Base Price per Foot	† Net Cutting Charge	Standard Stock Lengths Feet	Diam. In.	Weight per Foot Lbs.	Base List Price per Foot	Net Price per Foot to be added after discount is taken from Base Price per Foot	† Net Cutting Charge	Standard Stock Lengths Feet
3/4	1.50	$0.15	$0.01	$0.12	10–12	*3 7/16	31.56	$3.16	$0.16	$0.35	20
* 15/16	2.35	.24	.01	.12	10–12	3 1/2	32.71	3.27	.165	.35	20
1	2.67	.27	.01	.12	10–12	3 11/16	36.31	3.63	.185	.40	20
*1 3/16	3.77	.38	.015	.15	20	*3 15/16	41.40	4.14	.335	.40	20
1 1/4	4.17	.42	.015	.15	10–12	4	42.73	4.27	.345	.40	20
*1 7/16	5.52	.56	.02	.15	20	4 3/16	46.83	4.68	.375	.40	20
1 1/2	6.01	.60	.02	.15	20	*4 7/16	52.58	5.26	.525	.50	20
*1 11/16	7.60	.76	.02	.20	20	4 1/2	54.07	5.41	.54	.50	20
1 3/4	8.18	.82	.02	.20	10–12	4 11/16	58.67	5.87	.585	.60	20
*1 15/16	10.02	1.00	.025	.20	18–24	*4 15/16	65.10	6.51	.815	.60	20
2	10.68	1.07	.03	.20	20	5	66.76	6.68	.835	.60	20
*2 3/16	12.78	1.28	.03	.25	20	*5 7/16	78.95	7.90	1.38	.75	20
*2 7/16	15.86	1.59	.03	.25	18–24	5 1/2	80.77	8.08	1.42	.75	20
2 1/2	16.69	1.67	.03	.25	20	5 15/16	94.14	9.41	2.12	.75	20
*2 11/16	19.29	1.93	.03	.30	20	6	96.14	9.61	2.25	.....	20
*2 15/16	23.04	2.30	.08	.30	20	6 7/16	110.70	11.07	3.32	.....	20
3	24.03	2.40	.085	.30	20	6 1/2	112.80	11.28	3.38	.....	20
3 3/16	27.13	2.71	.095	.35	20						

*These sizes are Standard Sizes for which we carry journal bearings and other accessories as listed elsewhere.

Shafts above 5 7/16" dia. should be of Hammered Steel and prices will be quoted on application. Above list prices cover Cold Rolled Steel Shafting.

†Net cutting charge is made for each shaft furnished other than standard stock lengths.

Minimum charge for cutting $0.25.

Shafts longer than standard stock lengths can be furnished at an extra price.

All prices are to be calculated on even foot lengths. A 2 foot 3 inch shaft will be charged as 4 feet, a 5 foot shaft as 6 feet and so on.

No charge for burlapping freight shipments. For burlapping express shipments: full length $0.25 per 100 pounds, minimum charge $0.25. Boxing $0.50 per 100 pounds, minimum charge $0.75.

Horse Power of Steel Shafting

For Head and Jack Shafts—Bearings Close to Main Sheaves or Pulleys

Diameter Shaft Inches	Number of Revolutions Per Minute									
	100	125	150	175	200	225	250	300	350	400
1 7/16	2.7	3.4	4.1	4.7	5.4	6.1	6.7	8.1	9.5	10.8
1 11/16	3.8	4.8	5.7	6.7	7.7	8.6	9.6	11.5	13.4	15.4
1 15/16	5.8	7.3	8.7	10.4	11.6	13.1	14.5	17.5	20.0	23.0
2 3/16	8.4	10.5	12.6	14.7	16.8	19.0	21.0	25.0	29.0	34.0
2 7/16	11.6	14.4	17.3	20.0	22.0	26.0	29.0	35.0	40.0	46.0
2 11/16	15.5	19.4	23.0	27.0	31.0	35.0	39.0	46.0	54.0	62.0
2 15/16	20.0	25.0	30.0	35.0	41.0	46.0	51.0	61.0	71.0	81.0
3 7/16	32.0	40.0	49.0	57.0	65.0	73.0	81.0	97.0	113.0	129.0
3 15/16	49.0	61.0	73.0	85.0	98.0	110.0	122.0	147.0	171.0	195.0
4 7/16	70.0	88.0	105.0	123.0	140.0	158.0	175.0	211.0	246.0	281.0
4 15/16	97.0	121.0	145.0	169.0	193.0	217.0	242.0	290.0	337.0	386.0
5 7/16	133.0	166.0	199.0	232.0	265.0	298.0	331.0	398.0	465.0	531.0
6	173.0	216.0	259.0	302.0	345.0	389.0	432.0	518.0	605.0	691.0
6 1/2	220.0	275.0	330.0	385.0	440.0	495.0	550.0	660.0	770.0	880.0
For Line Shaft Service										
1 3/16	2.1	2.6	3.2	3.7	4.2	4.7	5.3	6.3	7.4	8.4
1 7/16	3.7	4.6	5.6	6.5	7.4	8.3	9.3	11.1	13.0	14.8
1 11/16	6.0	7.5	9.0	10.5	12.0	13.5	15.0	18.0	21.0	24.0
1 15/16	9.1	11.4	13.7	15.9	18.2	20.5	22.8	27.3	31.9	36.4
2 3/16	13.1	16.4	19.7	22.9	26.2	29.5	32.8	39.3	45.9	52.4
2 7/16	18.1	22.6	27.2	31.7	36.2	40.7	45.3	54.3	63.4	72.4
2 11/16	24.3	30.4	36.5	42.5	48.6	54.7	60.8	72.9	85.1	97.2
2 15/16	31.7	39.6	47.6	55.5	63.4	71.3	79.3	95.1	111.0	126.8
3 7/16	50.8	63.5	76.2	88.9	101.6	114.3	127.0	152.4	177.8	203.2
3 15/16	76.3	95.4	114.5	133.5	152.6	171.7	190.8	228.9	267.1	305.2
4 7/16	109.2	136.5	163.8	191.1	218.4	245.7	273.0	327.6	382.2	436.8
4 15/16	150.5	188.1	225.8	263.4	301.0	338.6	376.3	451.5	526.8	602.0
5 7/16	208.0	260.0	312.0	364.0	416.0	468.0	520.0	624.0	728.0	832.0
6	270.0	337.5	405.0	472.5	540.0	607.5	675.0	810.0	945.0	1080.0
6 1/2	343.3	429.1	415.0	600.8	686.6	772.4	858.3	1029.9	1201.6	1373.2

Jeffrey Steel Shafting

List Price for Keyseating Shafting

Diameter Shaft Inches	* Each Keyseat One Foot or Less	Additional Length of Keyseat for Each Foot or Less Add	Milling Ends of Keyseat Round or Square End Per Each End	Diameter Shaft Inches	* Each Keyseat One Foot or Less	Additional Length of Keyseat for Each Foot or Less Add	Milling Ends of Keyseat Round or Square End Per Each End
1 3/16, 1 7/16, 1 11/16	$1.80	$0.60	$0.50	3 7/16, 3 11/16	$3.00	$1.40	$0.90
1 15/16, 2 3/16	2.00	.70	.60	3 15/16, 4 7/16	3.80	1.80	1.10
2 7/16, 2 11/16	2.20	.80	.70	4 15/16, 5 7/16	4.60	2.40	1.30
2 15/16, 3 3/16	2.40	1.00	.80	5 15/16, 6 7/16, 6 15/16	5.40	3.00	1.50

*Ends of Keyseat as left by milling cutter.

List Prices for Fitting Keys. (Key included in Prices.)

For Keys not exceeding 6 inches long up to 1 11/16 inches diameter Shafts.
For Keys not exceeding 9 inches long 1 15/16 inches diameter and larger Shafts.

Diam. Shaft Inches	To and Incl. 1 3/16	1 7/16	1 11/16	1 15/16	2 3/16	2 7/16	2 11/16	2 15/16	3 7/16	3 11/16, 3 15/16	4 7/16	4 15/16	5 7/16	5 15/16	6 7/16	6 15/16
Slip Key	$1.80	$2.10	$2.40	$2.70	$3.20	$3.80	$4.50	$5.10	$6.40	$7.70	$8.60	$9.80	$11.00	$12.00	$13.00	$14.20
Drive Key	2.20	2.60	3.00	3.40	4.00	4.80	5.60	6.40	8.00	9.60	10.80	12.20	13.60	15.00	16.40	17.80
Feather Key	2.30	2.80	3.20	3.60	4.20	5.10	5.90	6.70	8.40	10.10	11.40	12.80	14.40	15.80	17.20	18.80
Gib Key	3.40	4.00	4.60	5.20	6.00	7.00	8.20	9.40	12.00	14.80	16.20	18.60	21.00	23.40	25.80	28.20

Standard Keys
Parallel, Taper and Feather Keys Only, Not Fitted.

Diam. Shaft In.	Width of Key In.	Thickness of Key In.	Length of Key—List Price Each									
			3″	4″	5″	6″	7″	8″	9″	10″	11″	12″
15/16	1/4	1/4	$ .16	$ .18	$ .20	$ .22						
1 3/16	5/16	5/16	.17	.19	.21	.23						
1 7/16	3/8	3/8	.19	.21	.23	.25						
1 11/16	7/16	7/16	.22	.24	.27	.30						
1 15/16	1/2	1/2	.25	.28	.32	.35	$ .38	$ .41	$ .44			
2 3/16	9/16	9/16	.30	.34	.38	.42	.46	.50	.54			
2 7/16	5/8	5/8	.35	.40	.45	.50	.55	.60	.65			
2 11/16	11/16	11/16	.42	.48	.54	.60	.66	.72	.78			
2 15/16	3/4	3/4	.47	.54	.61	.69	.76	.83	.90	$ .97	$1.05	$1.12
3 7/16	7/8	7/8	.57	.67	.77	.87	.97	1.06	1.16	1.26	1.36	1.46
3 15/16	1	1	.70	.84	.97	1.11	1.24	1.38	1.51	1.65	1.78	1.92
4 7/16	1 1/8	1 1/8		1.05	1.23	1.40	1.58	1.75	1.93	2.10	2.28	2.45
4 15/16	1 1/4	1 1/4		1.31	1.53	1.76	1.98	2.20	2.43	2.65	2.87	3.10
5 7/16	1 3/8	1 3/8			1.89	2.17	2.44	2.72	2.99	3.27	3.54	3.82
5 15/16	1 1/2	1 1/2			2.29	2.63	2.95	3.29	3.63	3.95	4.29	4.60
6 7/16	1 1/2	1 1/2			2.29	2.63	2.95	3.29	3.63	3.95	4.29	4.60
6 15/16	1 3/4	1 5/8			3.24	3.71	4.18	4.65	5.11	5.58	6.05	6.52

Gib Head Keys Only, Not Fitted

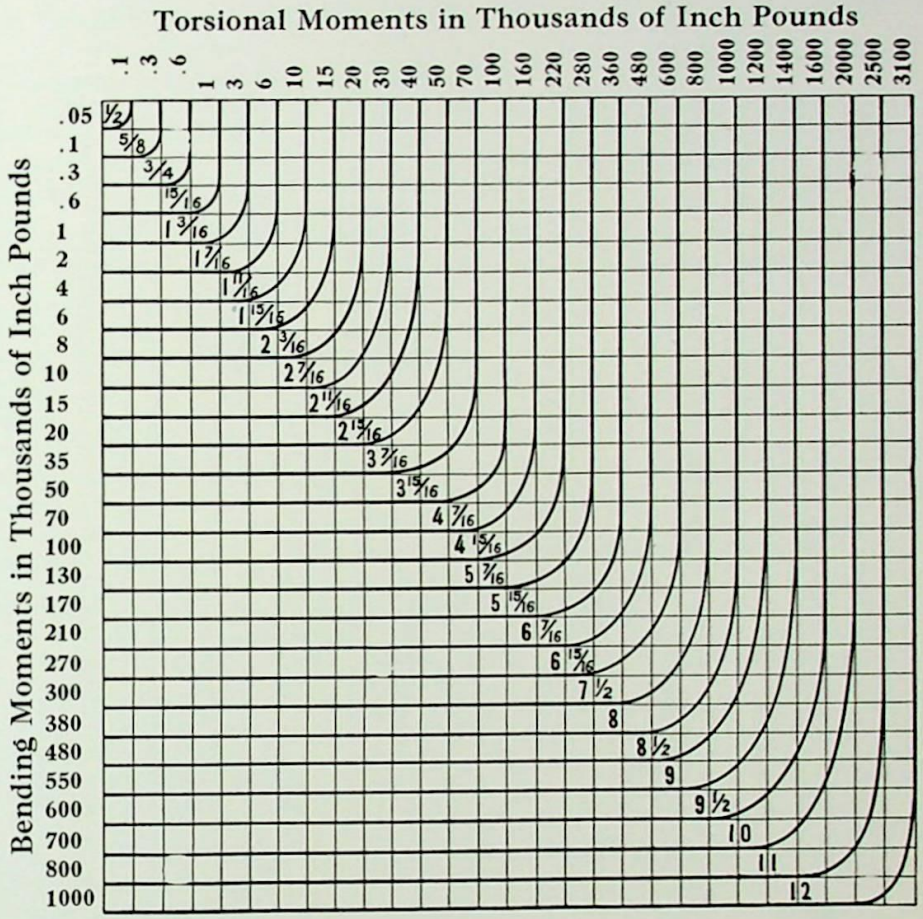
Diam. Shaft In.	Width of Key In.	Thickness of Key In.	Length of Key—List Price Each									
			3″	4″	5″	6″	7″	8″	9″	10″	11″	12″
15/16	1/4	1/4	$ .31	$ .35	$ .38	$ .42						
1 3/16	5/16	5/16	.33	.37	.40	.44						
1 7/16	3/8	3/8	.37	.41	.46	.50						
1 11/16	7/16	7/16	.42	.47	.53	.58						
1 15/16	1/2	1/2	.50	.56	.63	.69	$ .76	$ .82	$ .89			
2 3/16	9/16	9/16	.59	.67	.75	.83	.91	.99	1.07			
2 7/16	5/8	5/8	.70	.80	.89	.99	1.09	1.19	1.28			
2 11/16	11/16	11/16	.83	.95	1.07	1.19	1.31	1.43	1.55			
2 15/16	3/4	3/4	.97	1.12	1.26	1.40	1.55	1.69	1.83			
3 7/16	7/8	7/8	1.32	1.52	1.72	1.92	2.12	2.32	2.52			
3 15/16	1	1		1.99	2.26	2.53	2.80	3.07	3.34	$3.61	$3.88	$4.15
4 7/16	1 1/8	1 1/8		2.53	2.88	3.23	3.58	3.93	4.28	4.63	4.98	5.33
4 15/16	1 1/4	1 1/4			3.59	4.03	4.47	4.92	5.36	5.80	6.24	6.68
5 7/16	1 3/8	1 3/8			4.38	4.93	5.47	6.02	6.57	7.12	7.66	8.21
5 15/16	1 1/2	1 1/2			5.25	5.90	6.58	7.25	7.90	8.58	9.23	9.91
6 7/16	1 1/2	1 1/2			5.25	5.90	6.58	7.25	7.90	8.58	9.23	9.91
6 15/16	1 3/4	1 5/8			7.25	8.19	9.12	10.06	10.99	11.93	12.86	13.80

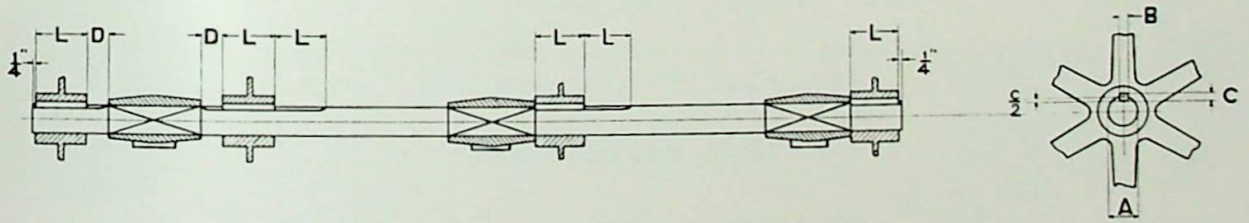
Jeffrey Steel Shafting

Steel Shaft Sizes from Combined Torsion and Bending Moments

A Bending Moment is that force of a given pull and leverage which is operative to bend a shaft; while a Torsional Moment is operative to twist it. The proper amount of metal in cross-section necessary to resist the largest combined action of Bending and Torsional Moments determines the shaft size.

Shaft-Sizes are to be found between the curved lines at the intersection of Bending and Torsion Values in thousands of inch lbs. as given in Table. Unit Torsion 11350 lbs. per square inch and unit Bending 8750 lbs. upon an ultimate of 62500 lbs.





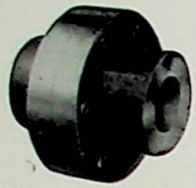
Jeffrey Standard Keys

Parallel, Taper and Feather Keys only, not Fitted

Dimensions in Inches—For List Price, see opposite page

A Diam. of Shaft	B Width of Key	C Thickness of Key	D Inches	L Length of Standard Hubs	A Diam. of Shaft	B Width of Key	C Thickness of Key	D Inches	L Length of Standard Hubs
7/8–1 1/8	1/4	1/4	7/8	2	2 13/16–3 3/8	3/4	3/4	1 1/4	5
1 3/16–1 3/8	5/16	5/16	1	2 1/2	3 7/16–3 7/8	7/8	7/8	1 3/8	5 1/4
1 7/16–1 5/8	3/8	3/8	1	3	3 15/16–4 3/8	1	1	1 1/2	6
1 11/16–1 7/8	7/16	7/16	1	3 1/2	4 7/16–4 7/8	1 1/8	1 1/8	1 1/2	6 3/4
1 15/16–2 1/8	1/2	1/2	1 1/8	4	4 15/16–5 3/8	1 1/4	1 1/4	1 5/8	7 1/2
2 3/16–2 3/8	9/16	9/16	1 1/8	4 1/2	5 7/16–5 7/8	1 3/8	1 3/8	1 5/8	8 1/4
2 7/16–2 5/8	5/8	5/8	1 1/8	4 3/4	5 15/16–6 7/16	1 1/2	1 1/2	1 3/4	9
2 11/16–2 7/8	11/16	11/16	1 1/4	4 3/4	6 1/2–6 7/8	1 5/8	1 1/2	1 3/4	9 3/4

Jeffrey Shaft Couplings and Collars



Flange Coupling

FLANGE Couplings are accurately machined to maintain perfect alignment of shafts.

Reducing couplings can be furnished. For price of reducing coupling add 20% to List Price of coupling for the larger shaft size.

List Prices and Dimensions

Flange Couplings

Diam. Shaft In.	List Price: Including Key not Fitted	List Price: Extra for Fitting to Shaft	Dimensions: Outside Diam. In.	Dimensions: Overall Length In.	Approx. Weight Each Lbs.	Diam. Shaft In.	List Price: Including Key not Fitted	List Price: Extra for Fitting to Shaft	Dimensions: Outside Diam. In.	Dimensions: Overall Length In.	Approx. Weight Each Lbs.
15/16	$ 7.00	$4.00	5½	4	11	2 15/16	$18.20	$ 6.00	9⅞	8	72
1 3/16	7.50	4.00	6	4½	14	3 7/16	25.20	8.50	11¼	9	94
1 7/16	8.00	4.00	6½	5	18	3 15/16	33.20	10.00	12¼	10	125
1 11/16	8.50	4.50	7	5½	23	4 7/16	47.60	12.00	13½	11	180
1 15/16	9.00	4.40	7¾	6	30	4 15/16	60.20	12.50	15	12	252
2 3/16	10.50	5.00	8⅜	6½	38	5 7/16	73.80	14.00	16	13½	350
2 7/16	12.50	5.50	8⅞	7	60	5 15/16	89.00	16.00	17	14½	400
2 11/16	15.20	5.50	9⅜	7½	68						

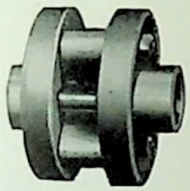
Flexible Couplings—Dimensions in Inches

Pattern No.	List Price	Bore	Outside Diam.	Width Belt	Distance between Flanges	Approx. Weight Each Lbs.
28497	$24.00	1½ & Less	8	1¼	1½	35
24772	46.00	1 11/16 to 2 3/16	10½	2	2¾	80
20983	84.00	2 7/16 to 3 7/16	14½	3½	4¼	220
29609	128.00	3 11/16 to 4 15/16	19	5	5½	440
16480 / 16482	180.00	5 7/16 to 7	21	6	6½	500

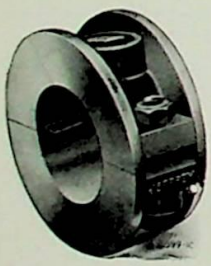
Diameter and Length of Hubs to suit conditions.

Flexible Couplings—

These couplings are made only on order. Shafts may be slightly out of line. We have patterns for five sizes but these sizes can be made to cover quite a range of work.

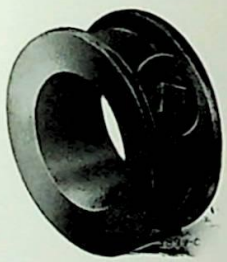


Flexible Coupling



Safety Set Collars

These collars are of the accepted safety type. They are faced, bored true and run smooth against bearings.



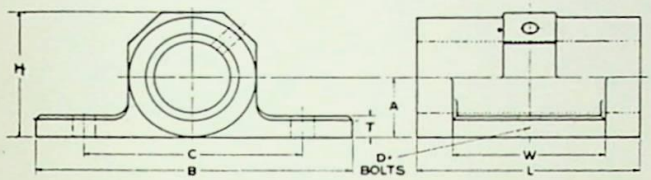
List Price and Dimensions

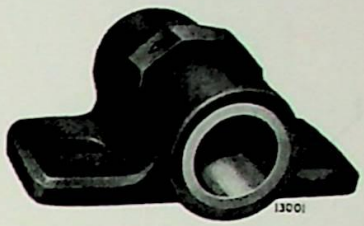
Size	List Price: Solid Collar	List Price: Split Collar	Outside Diam. Solid	Outside Diam. Split	Thickness of Solid or Split*	Approx. Weight Lbs.: Solid	Approx. Weight Lbs.: Split	Size	List Price: Solid Collar	List Price: Split Collar	Outside Diam. Solid	Outside Diam. Split	Thickness of Solid or Split*	Approx. Weight Lbs.: Solid	Approx. Weight Lbs.: Split
15/16	$ .60	$ .90	2⅛	2 11/16	1 3/16–1⅝	½		3 7/16	$ 3.00	$ 4.50	5 7/16	5 15/16	2	4¾	5½
1	.65	1.00	2⅛	2 11/16	1 3/16–1⅝	½		3 11/16	3.30	4.95	5 15/16	6⅝	2¼	5⅝	7½
1 3/16	.80	1.20	2 7/16	3⅛	1⅜	¾	1¼	3 15/16	3.60	5.40	6 3/16	7	2¼	6½	10
1 7/16	1.00	1.50	3	3⅜	1⅝	1½	1¾	4	3.75	5.65	6 3/16	7	2¼	6½	10
1½	1.05	1.60	3	3⅜	1⅝	1½	1¾	4 7/16	4.70	7.05	7⅝	8	3¼	13½	
1 11/16	1.20	1.80	3 3/16	3⅝	1⅝	1½		4 11/16	5.30	7.95	7⅞	8¼	3¼		
1 15/16	1.40	2.10	3 7/16	3⅞	1⅝	1½	2¼	4 15/16	5.90	8.85	8⅛	8½	3¼	16¼	20¾
2	1.45	2.20	3 7/16	3⅞	1⅝	1½	2¼	5 7/16	7.20	10.80	8⅝	9	3¼		
2 3/16	1.60	2.40	4 1/16	4 11/16	1⅞	2¾	4	5 11/16	7.90	11.85	9⅛	9½	3¼		
2 7/16	1.80	2.70	4 5/16	4 15/16	1⅞	2¾	4¼	5 15/16	8.60	12.90	9⅛	9½	3¼		
2½	1.90	2.85	4 5/16	4 15/16	1⅞	2¾	4¼	6 7/16	10.10	15.15	10⅜	10½	3½		
2 11/16	2.10	3.15	4 9/16	5 3/16	1⅞	3¼	4¼	6½	10.30	15.45	10⅜	10½	3½		
2 15/16	2.40	3.60	4 15/16	5 7/16	1⅞	4¼	4¼	6 15/16	11.70	17.55	10⅞	11	3½		
3	2.50	3.75	4 15/16	5 7/16	1⅞	4¼	4¼								

*Two dimensions apply respectively to Solid and Split.

Jeffrey Pillow Blocks

Heavy Solid Journal Bearing



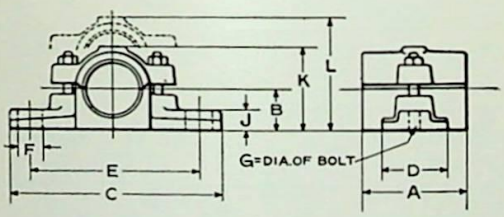


Heavier than the ordinary transmission bearing, having longer bearing and base for general elevating and conveying use. Bearings are tapped for grease cups, but cups not furnished unless ordered.

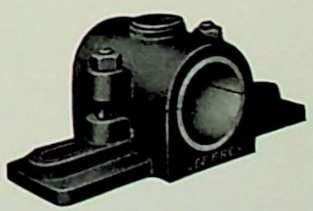
List Prices and Dimensions

Diam. Shaft In.	Babbitted Bearing		Pipe Tap for Grease Cup	Dimensions—Inches							
	List Price	Approx. Weight in. Lbs.		A	B	C	D	H	L	T	W
15/16	$ 1.20	2.25	1/8	7/8	5	3 1/8	3/8	1 7/8	3	7/16	2
1 3/16	1.60	4.5	1/8	1 1/16	6 1/4	4	1/2	2 1/4	4	1/2	2 1/2
1 7/16	2.00	6.5	1/4	1 1/4	6 3/4	4 1/4	5/8	2 1/2	4 1/2	1/2	3
1 11/16	2.60	9	1/4	1 1/2	8 1/8	5 1/4	5/8	2 7/8	5 1/2	3/4	3 5/8
1 15/16	3.40	13	1/4	1 11/16	8 1/2	5 5/8	5/8	3 1/2	6	3/4	4
2 3/16	4.20	17	1/4	1 13/16	8 7/8	6	5/8	3 3/4	7	3/4	4 1/2
2 7/16	5.40	25	3/8	2 1/16	10 1/4	7	3/4	4 1/4	7 1/2	3/4	5 1/8
2 11/16	6.60	29	3/8	2 3/16	10 5/8	7 3/8	3/4	4 5/8	8	3/4	5 5/8
2 15/16	8.00	36.5	1/2	2 7/16	12	8 1/4	3/4	5	9	7/8	6
3 7/16	10.00	52	1/2	2 3/4	12 1/2	9 1/8	7/8	5 1/2	10	1	6 1/8
3 15/16	14.00	70	1/2	3	14	10 1/8	7/8	6	12	1	6 3/4

Common Flat Box



Designed as an inexpensive babbitted bearing, light in weight but strongly built.



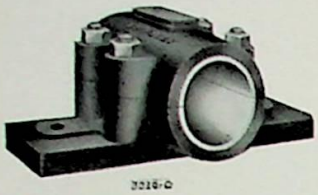
List Prices and Dimensions

Diam. Shaft	List Price	Approx. Weight Lbs.	Dimensions in Inches									
			A	B	C	D	E	F	G	J	K	L
15/16	$1.00	2.5	2	1	6 1/2	1 5/8	4 3/4	1	1/2	5/8	2 1/8	3 1/4
1 3/16	1.30	4.3	2 1/2	1 1/8	7 1/4	1 7/8	5 1/2	1	5/8	5/8	2 3/8	3 3/4
1 7/16	1.60	5.6	3	1 3/8	8	2 1/4	6 1/8	1	5/8	3/4	2 3/4	4 1/4
1 11/16	2.20	7.6	3 1/2	1 1/2	8 5/8	2 1/2	6 1/2	1 1/4	5/8	3/4	3 1/8	4 3/4
1 15/16	2.80	9.6	4	1 5/8	9 3/8	2 3/4	7 1/4	1 1/4	5/8	7/8	3 3/8	5
2 3/16	3.40	13.0	4 1/2	1 7/8	10	3	7 5/8	1 3/8	3/4	7/8	3 3/4	5 1/2
2 7/16	4.10	18.0	5	2	10 3/4	3 1/4	8 1/4	1 1/2	3/4	1	4	5 3/4
2 11/16	5.40	21.0	5 1/2	2 1/8	11 1/2	3 5/8	9	1 1/2	3/4	1	4 3/8	6 1/4
2 15/16	6.50	26.0	6	2 3/8	12 1/8	3 7/8	9 5/8	1 1/2	3/4	1 1/8	4 3/4	6 1/2

For Price List of Grease Cups, see page 180

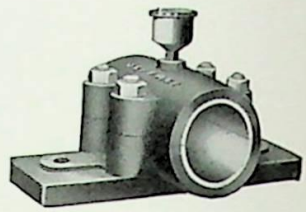
Jeffrey Pillow Blocks

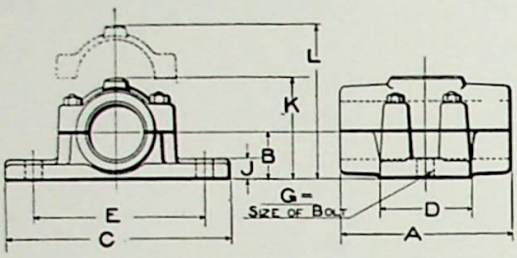
Two Hole Rigid Pillow Blocks



Always specify if bearings are required with plain reservoir or for grease cups; otherwise either may be furnished.

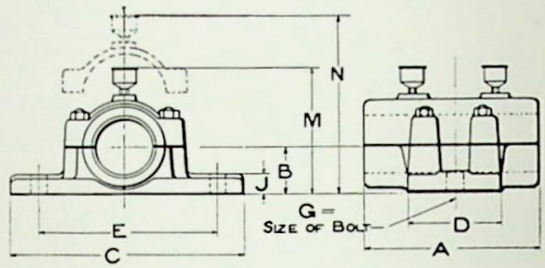
A high quality of Babbitt is used.





Plain Oiling

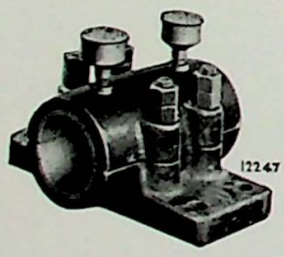
List Prices and Dimensions



Grease Oiling

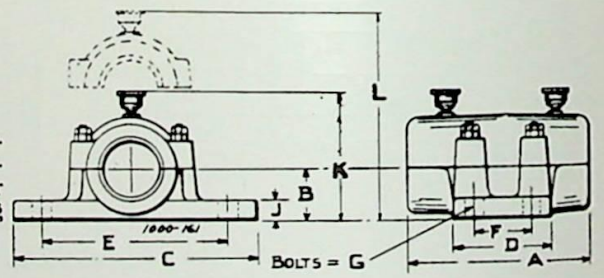
Dia. Shaft In.	†Price without Grease Cups	No. of Cap Bolts	Grease Cups		Approx. Weight in Lbs.		Dimensions—Inches										
			No.	Size	Plain	Grease	A	B	C	D	E	G	J	K Max.	L Max.	M Max.	N Max.
*15/16																	
1 3/16	$1.60	2	1	00	6.15	5.8	3 3/4	1 1/4	7 3/4	2 1/4	5 1/2	5/8	3/4	2 9/16	3 15/16	4 5/8	6
1 7/16	2.00	2	1	0	7.6	7.3	4 1/2	1 7/16	8	2 5/8	6	5/8	13/16	2 15/16	4 1/2	5 1/2	7
1 11/16	2.60	2	1	0	10.55	10.1	5 1/4	1 5/8	8 1/2	3	6 1/2	5/8	7/8	3 5/16	5	6	7 5/8
1 15/16	3.60	2	1	1	14.7	15.3	6	1 11/16	10 1/4	3 3/8	7 3/4	5/8	7/8	3 11/16	5 1/2	6 3/8	8 1/8
2 3/16	4.60	2	1	1	19.6	19.8	6 3/4	2	10 3/8	3 3/4	8	3/4	1	4 1/8	6 1/4	6 3/4	8 7/8
2 7/16	5.60	2	1	2	23.16	23.5	7 1/2	2 1/8	10 3/4	4	8 1/4	3/4	1 1/16	4 3/8	6 5/8	7 1/8	9 3/8
2 11/16	7.00	4	1	2	32.	31.7	8 1/4	2 5/16	11 1/2	4 3/8	8 1/2	3/4	1 1/8	4 3/4	6 7/8	7 7/8	10
2 15/16	8.80	4	1	3	38.5	38.7	9	2 1/2	12 1/8	4 3/4	9	3/4	1 3/16	5 1/8	7 3/8	8 3/8	10 1/2
3 7/16	12.80	4	2	2	57.9	56.1	10 1/2	2 7/8	13 1/2	5 1/2	10	7/8	1 5/16	5 7/8	8 3/4	9 1/4	12 9/16
3 15/16	16.00	4	2	2	77.	82.	12	3 3/16	15	6 1/8	11	7/8	1 7/16	6 9/16	9 5/8	9 7/8	13
4 7/16	21.00	4	2	3	99.6	105.2	13 1/2	3 5/8	16	6 3/4	12	1	1 1/2	7 5/16	10 5/16	11 3/4	15
4 15/16	27.00	4	2	3	130.8	134.3	15	3 3/4	17 1/4	7 1/4	12 1/2	1 1/8	1 1/2	8 1/8	11 1/2	12 3/8	16

*When Split Bearing is required use Common Flat Box shown on page 173.
†Prices with Plain Reservoir same as price without grease cups.



Four Hole Rigid Pillow Blocks

Slightly heavier than the ordinary transmission bearing having been designed especially for general elevating and conveying use.

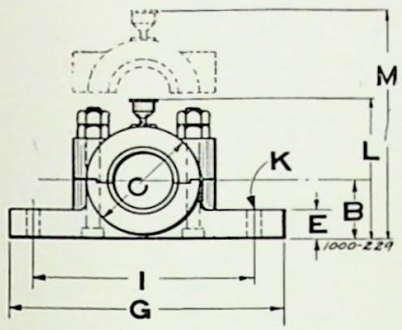


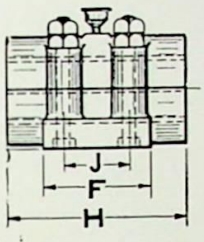
Diam. Shaft Inches	List Price Each Without Grease Cups	Approx. Weight in Lbs.	Grease Cups		Dimensions—Inches									
			No.	Size	A	B	C	D	E	F	G	J	K Max	L Max
1 15/16	$5.00	18	1	1	6	1 3/4	7 3/4	4	6	2 1/2	1/2	7/8	5 7/8	8 1/4
2 3/16	6.00	24	1	1	6 3/4	2	8 5/8	4 1/4	6 3/4	2 1/2	1/2	1	6 1/4	8 7/8
2 7/16	7.40	28	1	2	7 1/2	2 1/8	9 1/2	4 1/2	7 1/2	2 1/2	5/8	1 1/8	6 7/8	9 3/8
2 11/16	9.80	38	1	2	8 1/4	2 3/8	10 1/4	4 3/4	8 1/4	2 3/4	5/8	1 1/8	7 1/4	10 1/2
2 15/16	11.00	44	1	3	9	2 1/2	11 1/4	5 1/4	9	3	3/4	1 1/4	7 7/8	11
3 7/16	14.60	64	2	2	10 1/2	2 7/8	12 3/4	5 3/4	10 1/2	3 1/2	3/4	1 3/8	8 1/4	11 5/8
3 15/16	20.00	90	2	2	12	3 1/4	14 3/4	6 3/4	12	4	7/8	1 1/2	9	13
4 7/16	25.20	120	2	3	13 1/2	3 5/8	16 1/2	7 1/2	13 1/2	4 1/2	1	1 1/2	10	14 1/4
4 15/16	33.60	150	2	3	15	4	18	8	15	5	1	1 5/8	10 11/16	15 3/4

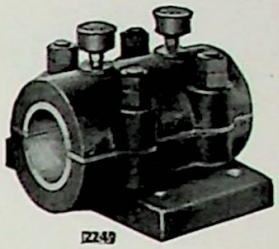
For List Prices of Grease Cups, see page 180.

Jeffrey Pillow Blocks

Extra Heavy Rigid Pillow Blocks





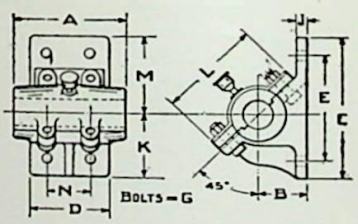


A very heavy rigid bearing designed for severe service where the shafting is subjected to shocks or other hard usage such as car hauls, eccentric feeders, etc.

Dia. Shaft	List Price Without Grease Cups	Grease Cups† No.	Grease Cups† Size	Approx. Weight in Lbs.	B	C	E	F	G	H	I*	J*	K*	L	M
2 7/16	$13.40	1	2	42	2 3/8	4 1/2	1 1/8	4 1/2	11	7 1/2	8 1/2	2 3/4	13/16	7 1/4	10 3/4
2 15/16	20.40	1	3	63	2 15/16	5 1/8	1 1/8	5 3/4	12 1/2	9	10	3 1/8	13/16	8 1/2	12 1/4
3 7/16	22.60	2	2	80	3 3/16	5 5/8	1 1/8	6 1/2	14	10	11	4	15/16	8 5/8	12 5/8
3 15/16	36.80	2	2	148	3 1/2	7	1 3/4	8	14 1/2	12	11 1/2	5 1/2	1 1/16	9 3/4	13 7/8
4 7/16	45.00	2	3	200	4	8	1 3/4	9	16	13	13	6	1 3/16	11	16
4 15/16	67.20	2	3	250	4 3/8	8 3/4	1 7/8	10	16 3/4	14	13 1/2	7	1 5/16	12	17 1/2
5 7/16	76.80	2	4	295	4 13/16	9 5/8	2	10	18	15	14 3/4	7 1/2	1 5/16	13 1/4	18 3/8
5 15/16	90.00	2	4	355	5 1/2	9 3/4	2	12	19	16	15	8	1 5/16	13 3/4	19 7/8
6 7/16	102.40	2	4	410	5 7/8	10 1/2	2 1/4	12	20	16 1/2	16	8	1 5/8	14 1/2	21 7/8
6 15/16	134.40	2	4	535	6 1/2	11 3/8	2 3/8	13	22	17	18	8 1/2	1 5/8	15 5/8	22 7/8
7 1/2	151.00	2	4	640	7	12 1/2	2 1/2	12	25 1/2	17				17 1/8	25 7/8
7 15/16	186.00	2	4	830	7 1/2	14	2 3/4	13	26	17	21 1/2	8 1/2	1 5/8	18 3/8	28 1/8
8 1/2	202.00	2	4	900	7 3/4	14 1/2	2 3/4	13	29	17	23	8 1/2	1 5/8	18 7/8	26 1/2
9	240.00	2	4	1070	8	15	2 3/4	15	30	18	25	10 1/4	1 7/8	19 3/8	30 1/4
10	270.00	2	4	1200	8	15	2 3/4	16	30	20	25	10 1/4	1 7/8	19 3/8	30 1/4

*Bolt holes will be drilled to dimensions in table unless otherwise specified.
†For List Price of Grease Cups; see page 180.

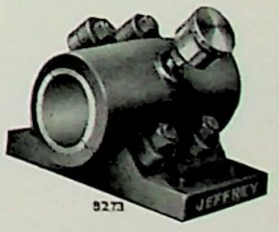
Angle Pillow Blocks



Made for head shaft use for inclined and horizontal conveyors and inclined elevators.

All sizes have four cap bolts with two nuts each.

* All sizes of Angle Pillow Blocks listed can be furnished either with babbitted bearings or bronze bushed bearings. Prices on application.

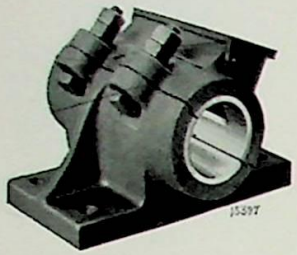


Dia. In.	List Price Without Grease Cups Babbitted*	Grease Cups† No.	Grease Cups† Size	Pipe Tap for Grease Cups	Approx. Weight in Lbs.	Dimensions—Inches A	B	C	D	E	G	J	K	L	M	N
1 11/16	$ 6.00	1	0	1/4	20	5 1/4	2 1/2	8 1/2	4	6 1/2	1/2	7/8	4 1/4	4 13/16	4 1/4	2 1/4
1 15/16	7.00	1	1	1/4	24	6	2 3/4	9 1/4	4 1/2	7 1/8	1/2	1	4 5/8	5 1/16	4 5/8	2 1/2
2 3/16	8.00	1	1	1/4	29	6 3/4	3	9 3/4	4 3/4	7 1/2	5/8	1	4 7/8	5 11/16	4 7/8	2 1/2
2 7/16	9.50	1	2	3/8	37	7 1/2	3 1/8	10 1/4	5	8 1/8	5/8	1	5 1/8	5 13/16	5 1/8	3
2 11/16	11.00	1	2	3/8	43	8 1/4	3 1/2	10 3/4	5 1/4	8 1/2	3/4	1 1/8	5 3/8	6 1/2	5 3/8	3
2 15/16	12.50	1	3	1/2	58	9	3 5/8	11 1/4	5 3/4	8 7/8	3/4	1 1/8	5 5/8	7 3/16	5 5/8	3 1/2
3 7/16	17.00	2	2	3/8	76	10 1/2	4	12 1/2	6 1/2	10	3/4	1 1/4	6 1/4	7 11/16	6 1/4	4
3 15/16	24.00	2	2	3/8	128	12	4 5/8	14	8	11 1/2	7/8	1 3/8	7	9 5/16	7	5
4 7/16	38.00	2	3	1/2	180	13 1/2	5 3/8	16 1/4	8 1/2	13	1	1 1/2	8 1/8	10 13/16	8 1/8	5 1/2
4 15/16	52.00	2	3	1/2	245	15	5 5/8	18 1/2	9 1/2	15	1	1 5/8	9 1/4	11 11/16	9 1/4	6
5 7/16	76.00	2	4	1/2	315	16 1/2	6 1/4	20	11	16 3/4	1 1/8	1 5/8	10	13 1/8	10	6 1/2

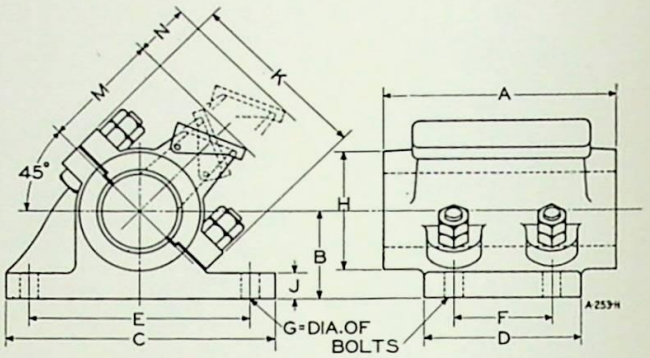
* Bolt holes will be drilled to dimensions in table unless otherwise specified.
† For List Prices of Grease Cups, see page 180.

Jeffrey Pillow Blocks

Calypsol Angle Pillow Blocks



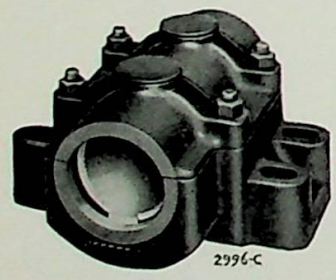
Calypsol or Grease Pocket Bearings are used extensively in places where only infrequent attention is desirable, such as in cement mills. The Grease pocket, of large capacity, is easy to refill and provides ample lubrication for a long time without attention.



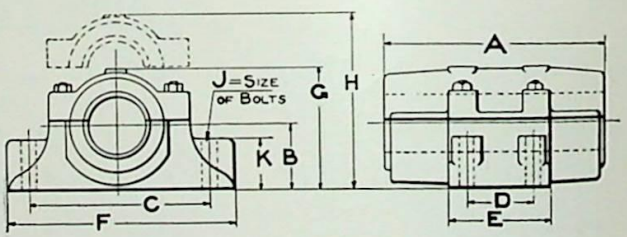
List Price and Dimensions

Diam. Shaft In.	List Price	Approx. Weight Lbs.	A	B	C	D	E	F	G	H	J	K	M	N
1 11/16	$ 8.20	22	5 1/4	2 1/2	8 1/2	4	6 1/2	2 1/4	1/2	2 7/8	7/8	4 13/16	3 15/16	1 3/4
1 15/16	9.40	26	6	2 3/4	9 1/4	4 1/2	7 1/8	2 1/2	1/2	3 1/4	1	5 1/16	4	1 3/4
2 3/16	10.60	31	6 3/4	3	9 3/4	4 3/4	7 1/2	2 1/2	5/8	3 3/4	1	5 11/16	4 3/8	1 3/4
2 7/16	12.30	39	7 1/2	3 1/8	10 1/4	5	8 1/8	3	5/8	4	1	5 15/16	4 7/16	1 3/4
2 11/16	14.00	46	8 1/4	3 1/2	10 3/4	5 1/4	8 1/2	3	3/4	4 1/2	1 1/8	6 1/2	4 3/4	2
2 15/16	15.70	62	9	3 5/8	11 1/4	5 3/4	8 7/8	3 1/2	3/4	4 3/4	1 1/8	7 3/16	5	2 1/4
3 3/16	20.60	80	10 1/2	4	12 1/2	6 1/2	10	4	3/4	5 1/4	1 1/4	7 11/16	5 1/2	2 1/4
3 15/16	28.20	132	12	4 5/8	14	8	11 1/2	5	7/8	6 1/4	1 3/8	9 5/16	6 1/4	2 3/4
4 7/16	43.00	185	13 1/2	5 3/8	16 1/4	8 1/2	13	5 1/2	1	7	1 1/2	10 15/16	7 1/16	3
4 15/16	58.00	250	15	5 5/8	18 1/2	9 1/2	15	6	1	7 3/4	1 5/8	11 11/16	7 7/8	3 3/4
5 7/16	83.00	320	16 1/2	6 1/4	20	11	16 3/4	6 1/2	1 1/8	8 9/16	1 5/8	13 1/8	8 5/8	4 3/8

Ring-Oiling Rigid Pillow Blocks



All oil supply reservoirs are of ample size to maintain a continuous flow of oil to the bearings for several months. The oil always returns, self-acting, to the reservoir without waste. The best quality of Babbitt is used and all bearings are carefully reamed out to standard size and faced off on ends.

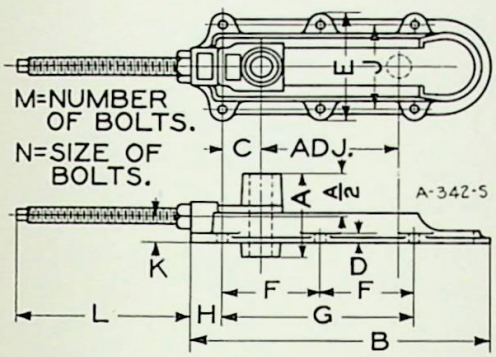


List Price and Dimensions

Diam. Shaft In.	List Prices	No. of Cap Bolts	Approx. Weight in Lbs.	Dimensions—Inches									
				A	B	C	D	E	F	G	H	J	K
1 7/16	$ 5.00	2	11.1	6	2	5 7/8	.....	2 5/8	7 1/2	3 5/8	5 1/2	1/2	1 5/8
1 11/16	5.80	4	12.75	6 3/4	2 1/8	6 3/8	.....	2 7/8	8	3 7/8	5 1/2	1/2	1 5/8
1 15/16	6.80	2	17.0	7 1/2	2 1/4	6 3/4	.....	3	8 5/8	4 1/8	5 7/8	5/8	1 5/8
2 3/16	8.20	4	19.4	8 1/4	2 1/2	7 5/8	.....	3 3/4	9 1/2	4 5/8	6 1/2	5/8	1 7/8
2 7/16	9.80	4	28.6	9	2 3/4	8	.....	4	10 1/4	5 1/4	7 1/4	3/4	2 1/8
2 11/16	12.00	4	33.2	9 7/8	3	8 3/4	.....	4 1/8	11	5 1/2	7 5/8	3/4	2 3/8
2 15/16	14.00	4	40.4	10 5/8	3	9 1/8	.....	4 1/2	11 3/4	5 3/4	8 1/8	7/8	2 1/2
3 7/16	22.00	4	62.75	12	3 1/2	10 1/2	.....	5 1/8	13 1/4	6 5/8	9 3/8	7/8	3
3 15/16	32.00	4	81.8	13 1/2	4	11 1/2	.....	6	14 1/2	7 5/8	10 3/8	7/8	3 1/4
4 7/16	42.00	4	141.8	15	4 1/2	12 1/4	4 1/2	7	15 1/2	8 1/4	11 1/2	1	3 1/2
4 15/16	54.00	4	185.8	16 1/2	5	13 5/8	4 3/4	7 3/4	17	9 1/8	12 3/4	1	3 3/4
5 7/16	66.00	4	240	18 1/4	5 1/2	15	5	8 1/2	18 1/2	9 3/4	13 1/2	1	4

Jeffrey Take-Up Boxes

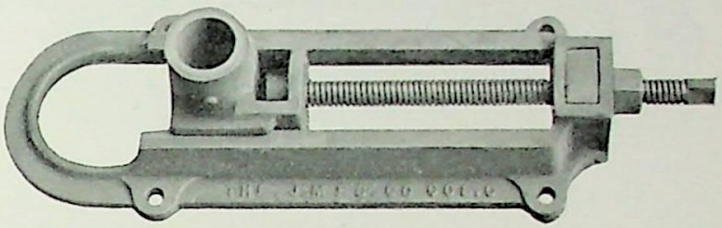
Style B



Adjustable bearings are unquestionably the simplest and best means of securing initial tension and of taking up all wear in every form of elevator and conveyor.

Take-ups are made so as to be easily applied to either wood or steel construction with bearings free for lubrication and with adjusting screws accessible.

The amount of adjustment is made consistent with shaft sizes and is sufficient to permit the removal of at least one pitch or link of chain with an extra amount for initial adjustment.



List Price and Dimensions of Style B

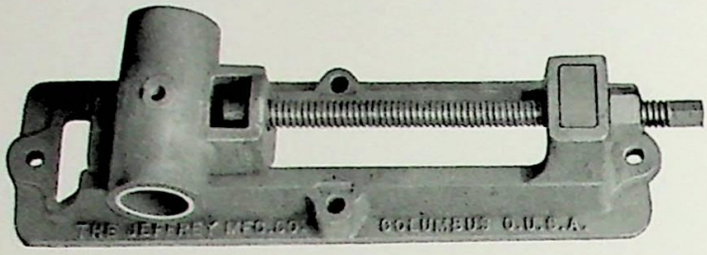
Diam. Shaft In.	* Adjustment In.	†List Price Without Grease Cups	Approx. Weight Lbs.	Dimensions—Inches												
				A	B	C	D	E	F	G	H	J	K	L	M	N
15/16	4½	$ 5.60	11	3	13	3⅜	½	3 3/16	.....	11¾	⅝	.....	1 9/16	4⅞	2	½
1 3/16	8	7.20	21	4	17 1/16	2 3/16	7/16	6½	.....	10¾	2	5⅛	1¾	12	4	½
1 7/16	8	8.00	22	4½	17 1/16	2 3/16	7/16	6½	.....	10¾	2	5⅛	1¾	12	4	½
1 11/16	9½	9.60	29	5½	20¾	2 13/16	½	7¾	.....	13 3/16	2 3/16	6¼	1¾	11⅝	4	½
1 11/16	19	12.60	38	5½	30⅜	2 13/16	½	7¾	11¼	22½	2 3/16	6¼	1¾	21½	6	½
1 15/16	9½	10.40	31	6	20¾	2⅝	½	7¾	.....	13 3/16	2 3/16	6¼	1¾	11⅝	4	½
1 15/16	19	14.80	41	6	30⅜	2⅝	½	7¾	11¼	22½	2 3/16	6¼	1¾	21½	6	½
2 3/16	11	12.40	46	6½	24⅞	3	9/16	9½	.....	15¾	2⅝	7¼	1¾	14⅛	4	⅝
2 3/16	20½	15.60	58	6½	34¼	3	9/16	9½	12 3/16	24⅜	2⅝	7¼	1¾	23⅛	6	⅝
2 7/16	11	13.20	48	7	24⅞	3⅛	9/16	9½	.....	15¾	2⅝	7¼	1¾	14⅛	4	⅝
2 7/16	20	16.40	60	7	34¼	3⅛	9/16	9½	12 3/16	24⅜	2⅝	7¼	1¾	23⅛	6	⅝
2 11/16	13½	16.00	60	7½	28 15/16	3	9/16	10¼	.....	18	3	8¾	2	17	4	⅝
2 11/16	18	17.60	67	7½	33 11/16	3¼	9/16	10¼	11 9/16	23⅛	2¾	8¾	2	20	6	⅝
2 11/16	25½	20.00	74	7½	41 1/16	3¼	9/16	10¼	15¼	30½	2¾	8¾	2	27	6	⅝
2 15/16	13½	19.20	68	8	28 15/16	3	9/16	10¼	.....	18	3	8¾	2	17	4	⅝
2 15/16	18	20.60	74	8	33 11/16	3 5/16	9/16	10¼	11 9/16	23⅛	2¾	8¾	2	20	6	⅝
2 15/16	25½	23.60	76	8	41 1/16	3¼	9/16	10¼	15¼	30½	2¾	8¾	2	27	6	⅝
3 7/16	13	25.40	97	9	31⅛	4½	11/16	11¾	.....	20	2⅞	9⅞	2 1/16	20¼	4	¾
3 7/16	22	29.20	117	9	39⅞	4¾	11/16	11¾	14¼	28½	2⅝	9⅞	2 1/16	27¾	6	¾
3 7/16	28½	32.00	122	9	47⅞	4¾	11/16	11¾	18¼	36½	2⅝	9⅞	2 1/16	31¼	6	¾
3 15/16	16½	35.00	140	10	36⅝	4 15/16	1	12½	.....	23¾	3⅛	10¾	2½	20	4	¾
3 15/16	26	39.00	150	10	46½	4⅝	11/16	12½	16⅛	32¼	3⅛	10¾	2½	28½	6	¾
3 15/16	36½	42.00	165	10	56½	4 13/16	11/16	12½	21⅞	43¾	3⅛	10¾	2½	40	6	¾

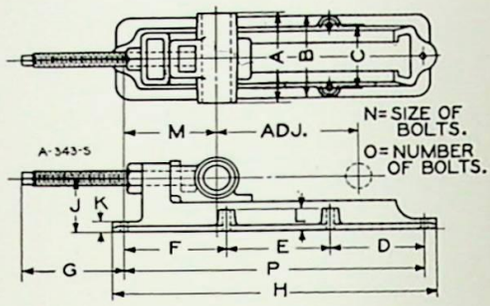
* Short Adjustment furnished unless otherwise specified.

† **Grease Cups**—Sizes up to 1 11/16″ inclusive take 1 No. 0 Grease Cup; 1 13/16″ takes 1 No. 1; 2 3/16 to 3 7/16″ inclusive take No. 2; all larger sizes 1 No. 3 Cup. For prices of Cups, see page 180.

Jeffrey Take-Up Boxes

Style C





List Price and Dimensions of Style C

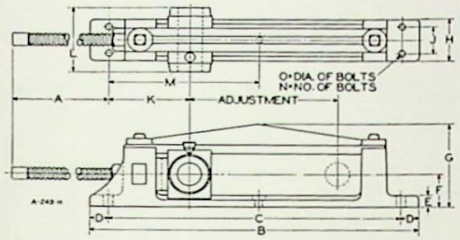
Diam. Shaft In.	* Adjustment In.	†List Price Without Grease Cups	Approx. Weight Lbs.	Dimensions—Inches													
				A	B	C	D	E	F	G	H	J	K	L	M	N	O	P
15/16	4 1/2	$ 5.90	12	3	3 13/16	.....	.....	.....	.....	5 3/8	13	2 1/2	1/2	.....	3 5/16	1/2	2	11 3/4
1 3/16	7	7.60	22	4	4 3/4	3 1/2	8 1/16	.....	8 1/16	8	17 3/8	3 1/8	7/16	1 3/8	5	1/2	4	16 1/8
1 7/16	7	8.40	24	4 1/2	4 3/4	3 1/2	8 1/16	.....	8 1/16	8	17 3/8	3 1/8	7/16	1 3/8	5 1/8	1/2	4	16 1/8
1 11/16	9	10.10	31	5 1/2	5 1/2	4 1/4	9 5/8	.....	9 5/8	10 3/8	21 1/8	3 1/2	9/16	1 9/16	6	1/2	4	19 1/4
1 11/16	17	13.20	40	5 1/2	5 1/2	4 1/4	13 11/16	.....	13 11/16	20 3/8	29 1/4	3 1/2	9/16	1 9/16	6	1/2	4	27 3/8
1 15/16	9	10.90	33	6	5 1/2	4 1/4	9 5/8	.....	9 5/8	10 3/8	21 1/8	3 1/2	9/16	1 9/16	6	1/2	4	19 1/4
1 15/16	17	15.60	42	6	5 1/2	4 1/4	13 11/16	.....	13 11/16	20 3/8	29 1/4	3 1/2	9/16	1 9/16	6	1/2	4	27 3/8
2 3/16	11	13.00	48	6 1/2	6 7/16	4 3/4	11 1/8	.....	11 1/8	13 9/16	24 1/4	4	11/16	1 1/2	6 11/16	5/8	4	22 1/4
2 3/16	20	16.40	60	6 1/2	6 7/16	4 3/4	15 5/8	.....	15 5/8	22 9/16	33 1/4	4	11/16	1 1/2	6 11/16	5/8	4	31 1/4
2 7/16	10 1/2	13.90	50	7	6 7/16	4 3/4	11 1/8	.....	11 1/8	13 9/16	24 1/4	4	11/16	1 1/2	6 13/16	5/8	4	22 1/4
2 7/16	19 1/2	17.20	60	7	6 7/16	4 3/4	15 5/8	.....	15 5/8	22 9/16	33 1/4	4	11/16	1 1/2	6 13/16	5/8	4	31 1/4
2 11/16	13	16.80	65	7 1/2	6 7/8	5 1/8	12 5/8	.....	12 5/8	16	27	4 1/2	11/16	1 5/8	7 1/16	5/8	4	25 1/4
2 11/16	20 1/2	19.50	75	7 1/2	6 7/8	5 1/8	11	11	11	21 5/8	34 3/4	4 1/2	11/16	1 5/8	7 3/8	5/8	6	33
2 11/16	24 1/2	21.00	80	7 1/2	6 7/8	5 1/8	10 1/2	16	10 3/4	25 5/8	39	4 1/2	11/16	1 5/8	7 3/8	5/8	6	37 1/4
2 15/16	12 1/2	20.20	72	8	6 7/8	5 1/8	12 5/8	.....	12 5/8	15 11/16	27	4 1/2	11/16	1 5/8	7 7/16	5/8	4	25 1/4
2 15/16	20	23.10	80	8	6 7/8	5 1/8	11	11	11	21 1/4	34 3/4	4 1/2	11/16	1 5/8	7 7/8	5/8	6	33
2 15/16	24	24.80	85	8	6 7/8	5 1/8	10 1/2	16	10 3/4	25 1/4	39	4 1/2	11/16	1 5/8	7 7/8	5/8	6	37 1/4
3 7/16	14	26.70	100	9	7 7/8	5 7/8	14 5/16	.....	14 5/16	19	30 5/8	5 1/16	5/8	1 3/4	8 9/16	3/4	4	28 5/8
3 7/16	22	30.70	117	9	7 7/8	5 7/8	18 5/16	.....	18 5/16	30	38 5/8	5 1/16	5/8	1 3/4	8 9/16	3/4	4	36 5/8
3 7/16	30	33.60	128	9	7 7/8	5 7/8	22 9/16	.....	22 9/16	39	47 1/8	5 1/16	5/8	1 3/4	8 9/16	3/4	4	45 1/8
3 15/16	15	36.80	145	10	8 9/16	6 1/2	15 1/2	.....	15 1/2	18 5/8	33 1/2	5 3/4	3/4	1 11/16	9 3/8	3/4	4	31
3 15/16	26	41.00	155	10	8 9/16	6 1/2	21 3/16	.....	21 3/16	29 5/8	44 7/8	5 3/4	3/4	1 11/16	9 3/8	3/4	4	42 3/8
3 15/16	35 1/2	44.20	180	10	8 9/16	6 1/2	13	24 1/4	15	38 5/8	54 3/4	5 3/4	3/4	1 11/16	9 3/8	3/4	6	52 1/4

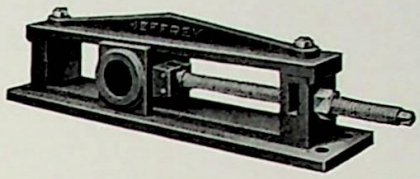
* Short Adjustment furnished unless otherwise specified.

† **Grease Cups**—Sizes up to 1 11/16" inclusive take 1 No. 0 Grease Cup; 1 15/16" takes 1 No. 1; 2 7/16" to 3 7/16" inclusive 1 No. 2; all larger sizes 1 No. 3 Cup. For Prices of Cups, see page 180.

Jeffrey Take-Up Boxes

Style D





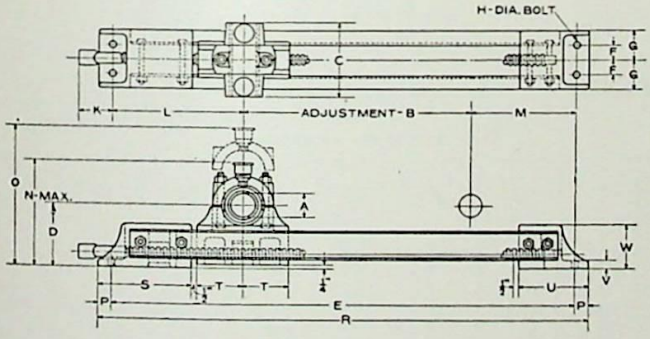
List Prices and Dimensions of Style D

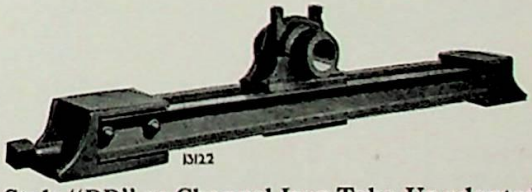
Diam. Shaft In.	* Adjustment In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches												
				A	B	C	D	E	F	G	H	J	K	L	M	N	O
1 3/16	11 3/4	$15.00	45	14	23 1/4	21 1/4	1	3/4	2 9/32	6 1/4	3 1/2	0	5 7/16	4	.....	2	5/8
1 7/16	11 3/4	15.00	48	14	23 1/4	21 1/4	1	3/4	2 9/32	6 1/4	3 1/2	0	5 7/16	5	.....	2	5/8
1 15/16	12	19.00	78	13 1/4	26 3/4	23 3/4	1 1/2	1	2 25/32	7 1/16	3 1/2	0	6 1/2	5 1/2	.....	2	3/4
1 15/16	18	21.00	90	20 3/4	32 3/4	29 3/4	1 1/2	1	2 25/32	7 1/16	3 1/2	0	6 1/2	5 1/2	.....	2	3/4
2 3/16	14	24.50	95	15 3/4	28 15/16	25 15/16	1 1/2	1	2 15/16	7 3/8	4	0	6 5/8	6	.....	2	5/8
2 3/16	20	26.50	103	20 3/4	34 15/16	31 15/16	1 1/2	1	2 15/16	7 3/8	4	0	6 5/8	6	.....	2	5/8
2 7/16	11	24.00	90	12 5/8	27 1/2	24 1/2	1 1/2	1	3 1/8	8 1/4	4	0	7 3/8	6 1/2	.....	2	3/4
2 7/16	15	25.00	100	15 3/4	30 3/8	27 3/8	1 1/2	1	3 1/8	8 1/4	4	0	6 13/16	6 1/2	.....	2	3/4
2 7/16	20	27.00	110	20 3/4	35 3/8	32 3/8	1 1/2	1	3 1/8	8 1/4	4	0	6 13/16	6 1/2	.....	2	3/4
2 11/16	11	38.40	162	12 1/4	26 1/4	24 1/4	1	7/8	4	9 7/8	6	4	8 1/16	7 1/2	.....	4	5/8
2 11/16	22 3/4	48.00	214	24 1/4	39	37	1	7/8	4	10 1/8	6	4	8 9/16	7 1/2	.....	4	5/8
2 15/16	10 1/2	38.40	178	12 1/4	26 1/4	24 1/4	1	7/8	4	9 7/8	6	4	8 1/16	8	.....	4	5/8
2 15/16	22 1/4	48.00	228	24 1/4	39	37	1	7/8	4	10 1/8	6	4	8 9/16	8	.....	4	5/8
3 7/16	15 1/4	58.00	255	16 3/4	34 3/4	31 3/4	1 1/2	2	5 1/32	11 9/16	6	3 3/4	9 7/8	9 1/2	.....	4	7/8
3 7/16	29 3/4	70.00	353	31	50 3/4	47 3/4	1 1/2	2 1/8	5 5/32	12 5/16	6	3 3/4	10 5/8	9 1/2	24 3/4	5	7/8
3 15/16	15 1/4	61.40	290	16 1/8	35 3/4	32 3/4	1 1/2	2	5 3/16	11 7/8	6	3	10 3/4	10	.....	4	3/4
3 15/16	35 3/4	90.00	475	36 1/4	58 1/4	55 1/4	1 1/2	2 1/4	5 5/16	13	6	3 3/4	11 3/8	10	28 1/2	5	7/8
4 7/16	12 1/4	88.00	425	12 1/2	37	33 1/2	1 3/4	2 1/2	6 1/16	13 7/8	7	4	13	10 1/2	.....	4	1
4 7/16	24 1/4	100.00	500	24 1/2	49	45 1/2	1 3/4	2 1/2	6 1/16	13 7/8	7	4	13	10 1/2	.....	4	1
4 15/16	23 3/4	145.00	750	24 1/2	53	48	2 1/2	2 1/8	6 5/16	14 3/8	9	5	14 1/2	12	.....	4	7/8
4 15/16	37 5/8	170.00	890	38 1/4	66 7/8	61 7/8	2 1/2	3	6 13/16	15 7/8	9	5	14 1/2	12	32 1/8	5	1 1/4

*Short Adjustment furnished unless otherwise specified.

Style "DD" Ball and Socket Take-Ups

With Grease Oiling Bearing





Style "DD" or Channel Iron Take-Up adapted to Long Belt Conveyors

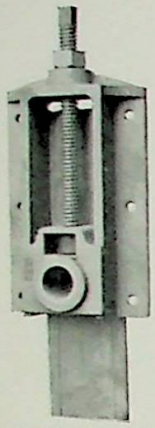
Style DD Ball and Socket Type makes practically impossible the binding of the shaft by uneven alignment or unequal adjustment of a pair of the Take-ups.

List Prices and Dimensions of Style DD

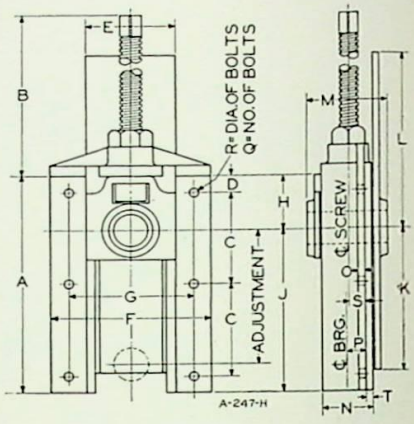
Size Shaft In. A	* Standard Adj. B	List Price Each Standard Adj.	Additional Price Extra foot of Adj.	Approx. Weight Complete Lbs.	C	D	E	F	G	H	K	L	M	N	O	P	R	S	T	U	V	W	Pipe Tap for Grease Cup
2 7/16	24"	$76.00	$2.00	160	7 1/2	6 1/2	4 7/8	1 1/2	3	5/8	3 1/2	12 7/8	10 7/8	10 3/4	14 1/8	1 3/8	50 1/2	9 1/4	4 1/2	7 3/4	3/4	4 3/4	1/4
2 7/16	30"	98.00	2.40	250	9	8 5/8	5 9/16	1 3/4	3 5/8	7/8	4 1/2	15 7/8	13 3/4	13 1/2	17 1/2	1 3/4	63 1/8	11 5/8	5 1/2	9 1/2	3/4	5 11/16	3/8
3 7/16	36"	106.00	2.40	280	10	9 3/16	6 5/8	1 3/4	3 5/8	7/8	4 1/2	15 7/8	13 3/4	14 5/8	18 11/16	1 3/4	69 1/8	11 5/8	5 1/2	9 1/2	3/4	5 11/16	3/8
3 15/16	36"	142.00	3.60	460	12	12	6 13/16	2 3/4	5	7/8	4 5/8	17 3/8	15	17 7/8	23 1/4	1 3/4	71 5/8	11 5/8	6 3/4	9 1/2	1	8 1/4	1/2
4 7/16	36"	176.00	4.00	600	13 1/2	12 1/4	6 5/8	2 3/4	5	7/8	4 5/8	17 3/8	15 1/4	18 3/4	24 5/8	1 3/4	72 3/8	11 5/8	7	9 1/2	1	8 1/4	1/2
4 15/16	36"	192.00	4.00	660	15	12 5/8	6 9/16	2 3/4	5	7/8	4 5/8	17 7/8	15 3/4	19 1/2	26	1 3/4	73 3/8	11 5/8	7 1/2	9 1/2	1	8 3/4	1/2

*The Adjustments "B" in table are standard, but may be increased to suit requirements.

Jeffrey Take-Up Boxes

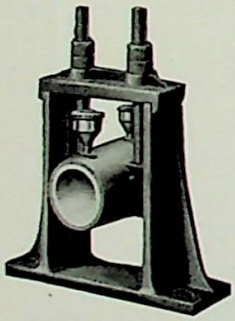


Style A
For Elevator Boots



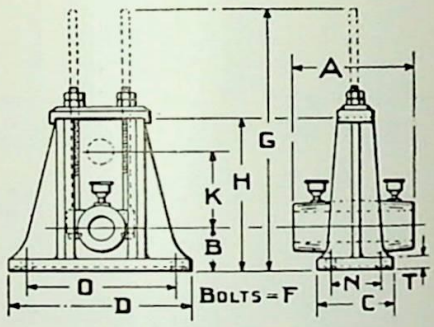
List Price and Dimensions of Style A

Kind of Boot	Diam. Shaft In.	Adjustment In.	List Price	Approx. Weight Lbs.	Dimensions—Inches A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T
For Wood Boot	1 15/16	5	$20.00	39	9 3/4	10 5/16	3 7/8	1	3 3/4	8 1/2	6 3/16	3 5/16	7 1/16	6 9/16	7 11/16	4 1/4	3 1/16	1/2	13/16	6	1/2	23/32	13/16
	2 3/16	7 1/2	22.60	47	13	13 3/8	5 1/2	1	5	9	7	3 3/8	9 5/8	8 1/2	10 1/2	5	3 3/16	1/2	3/4	6	1/2	11/16	13/16
	2 7/16	5	23.00	49	10 3/8	10 3/8	4 1/4	1	4 7/8	9	7	3 7/16	6 15/16	7 1/2	8 1/2	5	2 15/16	1/2	27/32	6	1/2	27/32	5/8
	2 7/16	9	26.00	58	14 1/2	13 3/8	6	1 1/4	5	9	7	3 1/2	11	10 3/8	12 5/8	5	3 1/4	1/2	3/4	6	1/2	3/4	7/8
	2 7/16	11	27.00	65	16 1/2	16 3/8	7	1 1/4	5	9	7	3 1/2	13	11 3/8	13 5/8	5	3 1/4	1/2	3/4	6	1/2	3/4	7/8
	2 15/16	12	34.00	86	18	16 1/4	7 1/2	1 1/2	5 1/2	10	7 3/4	3 7/8	14 1/8	14 1/8	16 1/2	6	3 5/8	1/2	9/16	6	5/8	9/16	1 1/4
For Steel Boot	1 7/16	6	18.00	34	10 1/2	10 3/8	4 1/4	1	4 1/4	7 3/4	6	2 5/8	7 7/8	7 7/8	9	4 1/4	2 3/4	3/8	1	6	3/8	1	3/8
	1 11/16	6	21.00	38	10 1/2	10 3/4	4 1/4	1	4 1/4	7 3/4	6	2 3/4	7 3/4	7 3/4	8 3/4	4 1/4	2 3/4	3/8	1	6	3/8	1	3/8
	1 15/16	8	22.60	58	13	13 3/8	5 1/2	1	5	9	7	3 1/4	9 3/4	8 1/2	10 1/2	5	3 3/16	1/2	1 1/16	6	1/2	1 1/16	1/2
	2 3/16	7 1/2	24.00	58	13	13 3/8	5 1/2	3/4	5	9	7	3 5/8	9 3/8	10	11	6 3/8	4 11/16	1/2	1 7/8	6	1/2	2	7/16
	2 7/16	9	28.00	75	14 1/2	13 1/2	6	1 1/4	5	9	7	3 1/2	11	10 3/8	12 5/8	6 3/4	5	1/2	2	6	1/2	2	1/2
	2 15/16	12	34.00	85	18	16 1/4	7 1/2	1 1/2	5 1/2	10	7 3/4	3 7/8	14 1/8	14 1/8	16 1/2	6	3 5/8	1/2	1 5/16	6	5/8	1 5/16	1/2



Style G Take-Up

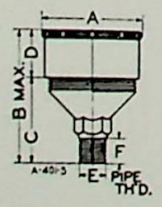
The Style G is a head take-up designed for heavy duty such as is required in very large or high elevators.



List Prices and Dimensions of Style G

Diam. Shaft Inches	K Adj.	List Price	Approx. Weight in Lbs.	Dimensions—Inches A	B	C	D	F	G	H	N	O	T
1 15/16	7 1/4	$24.00	74	6 1/4	3	5 1/2	16	3/4	22 1/2	12 1/4	3	13 1/2	1
2 7/16	6 1/2	30.00	84	8 1/4	3 5/8	5 1/2	16	3/4	21 3/4	12 1/4	3	13 1/2	1
2 15/16	8 9/16	38.00	184	9 1/4	3 13/16	6 1/2	18 1/2	3/4	26 7/8	15 1/8	3 3/4	14 1/4	1 1/8
3 7/16	8	50.00	198	10 3/4	4 1/8	6 1/2	18 1/2	3/4	26 1/4	15 1/8	3 3/4	14 1/4	1 1/8
3 15/16	11 3/4	64.00	232	12 1/2	4 1/2	7 1/2	21	7/8	35	19 5/8	4	16 1/2	1 1/8

Pressed Steel Compression Grease Cups



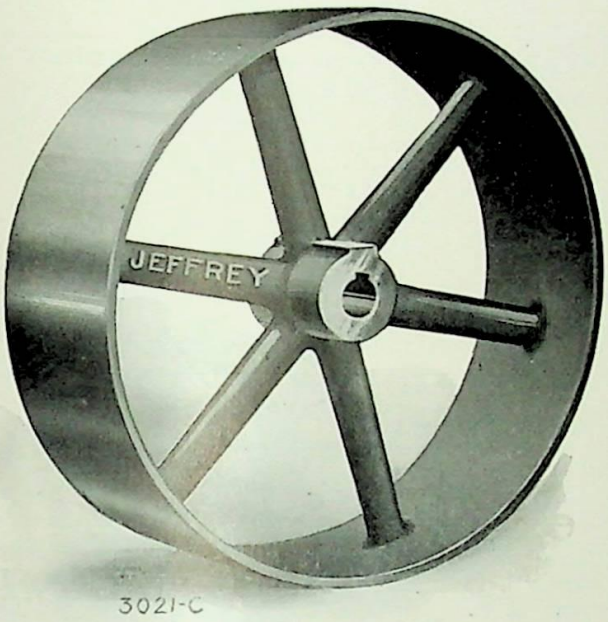
Size	List Price Each	Dimensions—Inches A	B	C	D	E	F	Capacity Ounces
000	$0.12	15/16	1 1/2	15/16	9/16	1/8	3/8	1/4
00	.14	1 3/16	2	1 1/4	3/4	1/8	7/16	1/2
0	.18	1 1/2	2 3/8	1 1/2	7/8	1/4	1/2	3/4
1	.22	1 3/4	2 3/4	1 3/4	1	1/4	1/2	1
2	.30	2 1/4	3 1/16	2	1 1/16	3/8	9/16	2
3	.44	2 3/4	3 1/2	2 1/4	1 1/4	1/2	11/16	3 1/2
4	.60	3 1/4	3 3/4	2 3/8	1 3/8	1/2	5/8	5

Jeffrey Cast Iron Pulleys

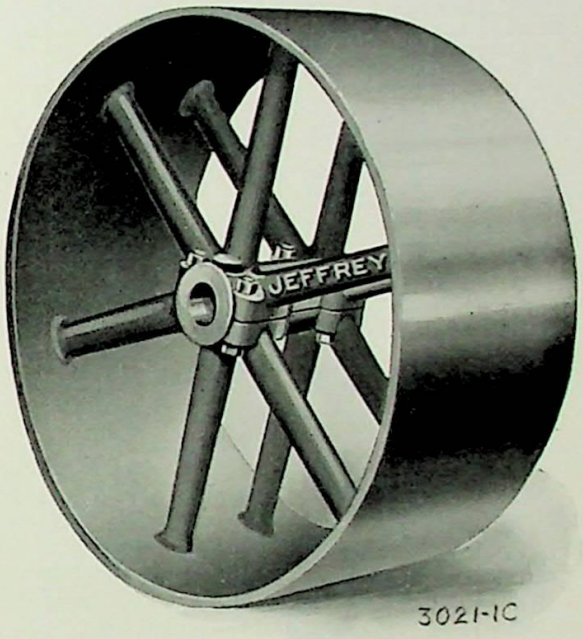
Solid or Split

Machine Moulded, Turned, Balanced, Bored, Keyseated and Set Screwed

THESE pulleys, while embodying all the qualities of machining as noted above, are designed not only along theoretical lines to meet the strains of driving, but are also designed along those practical lines which long experience has dictated for rough and exact service.



Single Arm Pulley



Double Arm Pulley

Price Lists include both key-seat and set-screws. Keyseat will be our standard, see page 124. If other than our standard size of keyseat is wanted, give width and depth. Solid Pulleys which have keyseats and no set screws should have taper keys. Taper keyseats will be cut with $\frac{1}{8}$ inch taper per foot, unless otherwise specified.

Split Pulleys should always have straight keys and set screws.

Crown Face furnished unless otherwise specified.

Balancing for rim speeds above 2500, but under 5000 feet per minute, at a small extra charge, where balancing for such speeds is specified.

Special Hub Lengths to be specified relative to center line of pulley.

Intermediate diameter pulleys (not fractional) take the price of the next larger list.

Prices for special and flywheel pulleys furnished upon application.

Prices for Tight and Loose Pulleys, see page 186.

For Conveyor Pulleys, see page 186.

Jeffrey Pulleys

Regular Bore Limits for Plain Pulleys

Pulley Diam., In.	6 to 9	10 to 15	16 to 20	21 to 30	31 to 42	43 to 48	50 to 60
Max. Standard Bore	$1\frac{15}{16}$	$2\frac{7}{16}$	$2\frac{15}{16}$	$3\frac{7}{16}$	$3\frac{15}{16}$	$4\frac{7}{16}$	$4\frac{15}{16}$

Prices for Larger than Standard Bores given in Price List

Largest Standard Bore for Prices Listed		Percentage of Increase in Price for Bores Larger than Standard
Diameter of Pulley Inches	Bore Inches	
6 to 9	$1\frac{15}{16}$	Add 10% for each ¼″ larger bore or fraction thereof
10 to 15	$2\frac{7}{16}$	Add 10% " " ¼″ " " " " "
16 to 20	$2\frac{15}{16}$	Add 10% " " ½″ " " " " "
21 to 30	$3\frac{7}{16}$	Add 10% " " ½″ " " " " "
31 to 42	$3\frac{15}{16}$	Add 5% " " ½″ " " " " "
43 to 48	$4\frac{7}{16}$	Add 5% " " ½″ " " " " "
50 to 60	$4\frac{15}{16}$	Add 5% " " ½″ " " " " "

Standard Hubs for Jeffrey Pulleys

For Pulleys under 10″ face, use hubs for Sprockets listed on page 124.
Diameter of Hubs are the standard listed on page 124.

Diam. Pulley In.	Face of Pulley—Inches								Diam. Pulley In.	Face of Pulley—Inches							
	10	12	14	16	18	20	22	24		10	12	14	16	18	20	22	24
	Length of Hub—Inches									Length of Hub—Inches							
6	5								24	6	7	8	8	9	10		
7	5								26	6	7	8	8	9	10		
8	5	6							28	6	7	8	9	9	10		
9	5	6							30	6	7	8	9	9	10	11	
10	5	6							32	6	7	8	9	10	10	11	
11	5	6							34	7	7	8	9	10	11	11	
12	5	6	7						36	7	7	8	9	10	11	11	
13	5	6	7						38	7	8	8	9	10	11	12	12
14	5	6	7						40	7	8	8	9	10	11	12	12
15	5	6	7						42	7	8	9	9	10	11	12	13
16	5	6	7	8					44	7	8	9	10	10	11	12	13
17	6	6	7	8					48	7	8	9	10	11	11	12	13
18	6	6	7	8					50	7	8	9	10	11	11	12	13
19	6	6	7	8	9				52	8	8	9	10	11	12	12	13
20	6	6	7	8	9				54	8	9	9	10	11	12	13	13
21	6	7	7	8	9				56	8	9	9	10	11	12	13	13
22	6	7	7	8	9				58	8	9	10	10	11	12	13	14
23	6	7	7	8	9	10			60	8	9	10	10	11	12	13	14

Jeffrey Solid Single Arm Pulleys

List Price of Double Belt Pulleys—Single Arm SOLID

Diam. Pulley In.	Face of Pulley—Inches															Max. Bore at Price Listed Inches
	4	5	6	7	8	9	10	11	12	14	16	18	20	22	24	
6	$5.20	$5.60	$6.10	$6.60	$7.10	$7.60	$8.10									$1\frac{15}{16}$
7	5.70	6.10	6.60	7.10	7.60	8.10	8.70									
8	6.20	6.70	7.20	7.60	8.10	8.70	9.20	$9.70	$10.20							
9	6.70	7.20	7.80	8.30	8.80	9.40	10.00	10.50	11.10							
10	7.30	7.90	8.50	9.00	9.50	10.20	10.90	11.50	12.00							$2\frac{7}{16}$
11	7.90	8.60	9.20	9.70	10.30	11.00	11.70	12.20	12.80							
12	8.50	9.50	10.00	10.50	11.00	12.00	12.50	13.00	13.50							
13	9.30	10.00	10.80	11.50	12.00	12.80	13.50	14.30	15.00							
14	10.00	10.50	11.50	12.50	13.00	13.50	14.50	15.50	16.50	$18.00						
15	10.50	11.30	12.30	13.30	14.00	14.80	15.80	16.80	17.80	19.50						
16	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	21.00	$22.50					$2\frac{15}{16}$
17	11.50	12.80	13.80	14.80	16.00	17.00	18.00	19.30	20.30	22.50	24.50					
18	12.00	13.50	14.50	15.50	17.00	18.00	19.00	20.50	21.50	24.00	26.50	$28.50				
19	12.80	14.00	15.30	16.50	18.00	19.00	20.30	21.80	22.80	25.50	28.00	30.50				
20	13.50	14.50	16.00	17.50	19.00	20.00	21.50	23.00	24.00	27.00	29.50	32.50	$35.00			
21	14.00	15.30	16.80	18.30	19.80	21.30	22.80	24.30	25.50	28.50	31.30	34.30	37.30			$3\frac{7}{16}$
22	14.50	16.00	17.50	19.00	20.50	22.50	24.00	25.50	27.00	30.00	33.00	36.00	39.50			
23	15.00	16.80	18.30	20.00	21.50	23.50	25.00	26.80	28.30	31.50	34.80	38.00	41.50			
24	15.50	17.50	19.00	21.00	22.50	24.50	26.00	28.00	29.50	33.00	36.50	40.00	43.50			
26	17.00	19.00	20.50	22.50	24.50	26.50	28.50	30.50	32.50	36.00	40.00	44.00	47.50			
28	18.00	20.00	22.00	24.50	26.50	28.50	30.50	33.00	35.00	39.00	43.50	47.50	52.00			
30	19.00	21.50	24.00	26.00	28.50	30.50	33.00	35.50	37.50	42.00	47.00	51.50	56.00			
32	20.50	22.50	25.50	28.00	30.50	32.50	35.50	37.50	40.00	45.00	50.00	55.00	60.00			$3\frac{15}{16}$
34	21.50	24.00	27.00	29.50	32.50	35.00	37.50	40.00	43.00	48.00	53.50	59.00	64.00			
36	22.50	25.50	28.50	31.00	34.00	37.00	40.00	42.50	45.50	51.50	57.00	63.00	68.50	$74.00		
38	24.00	27.00	30.00	33.00	36.00	39.00	42.00	45.00	48.00	54.50	60.50	66.50	72.50	79.00		
40	25.00	28.00	31.50	34.50	38.00	41.00	44.50	47.50	51.00	57.50	64.00	70.50	77.00	83.50		
42	26.00	29.50	33.00	36.50	40.00	43.50	46.50	50.00	53.50	60.50	67.50	74.00	81.00	88.00		
44	27.50	31.00	34.50	38.00	42.00	45.50	49.00	52.50	56.50	63.50	70.50	78.00	85.00	92.50		$4\frac{7}{16}$
46	28.50	32.00	36.00	40.00	43.50	47.50	51.50	55.00	59.00	66.50	74.00	81.50	89.50	97.00		
48	30.00	33.50	37.50	41.50	45.00	49.00	53.00	57.00	60.50	68.50	76.50	84.50	93.00	101.00	109.50	
50	32.00	36.00	40.00	44.00	48.00	52.00	56.00	60.00	64.50	73.00	81.50	90.00	98.50	107.50	117.00	$4\frac{15}{16}$
52		38.50	42.50	47.00	51.00	55.50	60.00	64.00	68.50	77.50	86.50	95.50	105.00	114.00	123.50	
54		41.00	45.50	50.00	54.50	59.00	63.50	68.00	73.00	82.00	91.50	101.50	110.00	121.00	131.00	
56		43.50	48.00	53.00	57.50	62.50	67.50	72.50	77.00	87.00	97.00	107.50	117.50	128.00	138.50	
58		46.00	51.00	56.00	61.00	66.50	71.50	76.50	81.50	92.00	103.00	113.50	124.50	135.50	146.50	
60			54.00	59.50	64.50	70.00	75.50	80.50	86.00	97.00	108.50	120.00	131.50	143.50	155.50	

Jeffrey Split Single Arm Pulleys

List Price of Double Belt Pulleys—Single Arm Split

Dia. Pulley In.	Face of Pulley—Inches															Max. Bore at Price Listed In.
	4	5	6	7	8	9	10	11	12	14	16	18	20	22	24	
6	$7.60	$8.10	$8.70	$9.30	$9.90	$10.50	$11.10									
7	8.20	8.70	9.30	9.90	10.50	11.10	11.80									
8	8.80	9.40	10.00	10.50	11.10	11.80	12.40	$13.00	$13.60							$1\frac{15}{16}$
9	9.40	10.00	10.70	11.30	11.90	12.60	13.30	13.90	14.60							
10	10.10	10.80	11.50	12.10	12.70	13.50	14.30	15.00	15.60							
11	10.90	11.70	12.40	13.00	13.70	14.50	15.30	15.90	16.60							
12	11.60	12.70	13.30	13.90	14.50	15.60	16.20	16.80	17.40							
13	12.50	13.30	14.20	15.00	15.60	16.50	17.30	18.20	19.00							$2\frac{7}{16}$
14	13.50	14.00	15.00	16.00	17.00	17.50	18.50	19.50	20.50	$22.00						
15	14.00	15.00	16.00	17.00	18.00	18.80	20.00	21.00	22.00	24.00						
16	14.50	16.00	17.00	18.00	19.00	20.00	21.50	22.50	23.50	26.00	$28.00					
17	15.30	16.80	18.00	19.00	20.50	21.50	22.80	24.00	25.30	27.80	30.00					
18	16.00	17.50	19.00	20.00	22.00	23.00	24.00	25.50	27.00	29.50	32.00	$34.50				$2\frac{15}{16}$
19	16.80	18.30	19.80	21.00	23.00	24.30	25.50	27.00	28.50	31.30	34.30	37.00				
20	17.50	19.00	20.50	22.00	24.00	25.50	27.00	28.50	30.00	33.00	36.50	39.50	$42.50			
21	18.30	19.80	21.50	23.30	25.00	26.80	28.30	30.00	31.50	35.00	38.50	41.80	45.00			
22	19.00	20.50	22.50	24.50	26.00	28.00	29.50	31.50	33.00	37.00	40.50	44.00	47.50			
23	19.80	21.50	23.50	25.50	27.30	29.30	31.00	33.00	34.80	38.80	42.50	46.30	50.00			
24	20.50	22.50	24.50	26.50	28.50	30.50	32.50	34.50	36.50	40.50	44.50	48.50	52.50			$3\frac{7}{16}$
26	22.00	24.00	26.50	28.50	31.00	33.00	35.00	37.50	39.50	44.00	48.50	53.00	57.50			
28	23.50	25.50	28.00	30.50	33.00	35.00	38.00	40.50	43.00	48.00	53.00	58.00	63.00			
30	24.50	27.50	30.00	32.50	35.50	38.00	41.00	43.50	46.00	51.50	57.00	62.50	67.50			
32	26.00	29.00	32.00	35.00	38.00	40.50	43.50	46.50	49.50	55.50	61.50	67.00	73.00			
34	27.50	30.50	34.00	37.00	40.00	43.50	46.50	49.50	53.00	59.00	65.50	72.00	78.00			
36	29.00	32.50	35.50	39.00	42.50	46.00	49.00	52.50	56.00	63.00	69.50	76.50	83.50	$90.00		
38	30.50	34.00	37.50	41.00	45.00	48.50	52.00	55.50	59.50	66.50	74.00	81.00	88.50	95.50		$3\frac{15}{16}$
40	32.00	35.50	39.50	43.50	47.00	51.00	55.00	58.50	62.50	70.00	78.00	85.50	93.50	101.00		
42	33.00	37.50	41.50	45.50	49.50	53.50	57.50	62.00	66.00	74.00	82.00	90.50	98.50	106.50		
44	34.50	39.00	43.00	47.50	52.00	56.00	60.50	65.00	69.00	78.00	86.50	95.00	103.50	112.50		
46	36.00	40.50	45.00	49.50	54.50	59.00	63.50	68.00	72.50	81.50	90.50	99.50	109.00	118.00		$4\frac{7}{16}$
48	37.50	43.00	46.50	52.00	56.00	61.00	66.00	70.50	74.50	83.50	93.50	103.50	113.00	123.00	$133.00	
50	40.00	45.50	49.50	55.00	59.50	65.00	69.00	74.50	79.00	88.50	99.00	109.50	120.00	133.00	141.50	
52		48.50	53.00	59.00	63.00	69.00	73.50	79.50	84.00	94.00	105.00	116.00	127.00	138.00	149.50	
54		51.50	56.00	62.50	67.00	73.00	78.00	84.00	89.00	99.50	111.00	122.50	134.50	146.00	158.00	
56		55.00	59.50	66.00	71.00	77.50	82.50	89.00	94.00	105.50	117.50	129.50	142.00	154.50	166.50	$4\frac{15}{16}$
58		58.00	63.00	70.00	75.00	82.00	87.00	94.00	99.50	115.50	124.00	137.00	149.50	162.50	176.00	
60			67.00	74.00	79.00	86.50	91.50	99.00	104.50	117.00	130.50	144.00	157.50	171.50	185.50	

Jeffrey Single Arm Pulleys

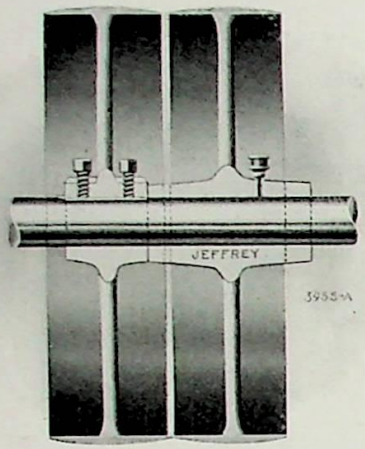
Weights of Double Belt Single Arm Solid and Split Iron Pulleys

Diam. in Inches	Max. Standard Bore	Face in Inches—Weight, Lbs.																					
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
6	1 15/16	13	15	17	20	23	26	29	32														
7	1 15/16	15	17	20	23	26	29	32	35														
8	1 15/16	17	20	23	26	29	32	36	40	44	48												
9	1 15/16	18	22	25	29	32	36	40	45	49	54												
10	2 7/16	20	24	28	32	36	40	45	50	55	60												
11	2 7/16	22	27	31	35	40	44	50	55	61	66												
12	2 7/16	24	29	34	39	44	49	55	61	67	72	78	84										
13	2 7/16	27	32	37	43	48	54	60	67	73	79	85	92										
14	2 7/16	29	35	41	47	53	59	66	73	79	86	93	100										
15	2 7/16	31	38	44	51	57	64	72	79	86	94	101	109										
16	2 15/16	34	41	48	56	62	70	78	86	94	102	110	118	126	134								
17	2 15/16	37	44	52	59	68	76	84	93	101	110	118	127	135	144								
18	2 15/16	40	48	56	64	73	82	91	100	109	118	127	136	145	155								
19	2 15/16	43	52	61	70	79	88	98	108	118	128	138	148	158	169	179	190						
20	2 15/16	46	56	66	76	86	95	106	117	128	139	150	161	172	183	194	205						
21	3 7/16	49	60	70	81	91	102	113	124	135	146	157	168	180	191	203	214						
22	3 7/16	53	64	75	86	97	109	120	131	142	153	164	176	188	200	212	224						
23	3 7/16	56	68	80	92	104	116	128	140	152	164	176	189	201	214	227	240						
24	3 7/16	60	73	86	99	112	124	137	150	163	176	189	202	215	228	242	256	270	284				
26	3 7/16	68	82	96	110	125	140	155	170	185	200	215	230	246	262	278	294	310	326				
28	3 7/16	76	92	108	124	140	157	174	191	208	225	242	259	276	294	312	330	348	366				
30	3 7/16	85	103	121	139	157	175	193	211	229	247	265	283	302	321	340	359	378	397	416	435		
32	3 15/16	94	114	134	154	174	194	214	234	254	274	294	314	335	356	377	398	419	440	461	482		
34	3 15/16	104	126	148	170	192	214	236	258	280	302	324	346	369	392	415	438	461	484	507	530		
36	3 15/16	115	138	162	186	210	234	258	282	306	330	354	378	403	428	453	478	503	528	553	578		
38	3 15/16		152	177	203	229	255	281	307	333	359	385	411	438	465	492	519	546	573	600	627	654	681
40	3 15/16		167	194	221	249	277	305	333	361	389	417	445	473	502	531	560	589	618	647	676	705	734
42	3 15/16		183	212	241	270	300	330	360	390	420	450	480	510	540	571	602	633	664	695	726	757	788
44	4 7/16		199	230	261	292	324	356	388	420	452	484	516	549	582	615	648	681	714	747	780	813	846
46	4 7/16		216	249	282	315	349	383	417	451	486	521	556	591	626	661	696	731	767	803	839	875	911
48	4 7/16		235	270	305	340	375	411	447	483	519	555	592	629	666	703	740	778	816	854	892	930	969
50	4 15/16		254	291	328	365	402	440	478	516	554	592	631	670	709	748	787	827	867	907	947	987	1027
52	4 15/16		273	312	351	390	430	470	510	550	590	631	672	713	754	795	837	879	921	963	1005	1045	1087
54	4 15/16		292	333	375	417	459	501	543	585	627	670	713	756	799	842	885	929	973	1017	1061	1105	1149
56	4 15/16		313	357	401	445	489	534	579	624	669	714	759	804	842	894	939	984	1029	1074	1120	1166	1213
58	4 15/16		333	379	425	472	519	566	613	660	707	754	801	848	895	942	989	1036	1084	1132	1181	1230	1279
60	4 15/16		354	403	452	501	550	600	650	700	750	801	852	903	954	1006	1058	1110	1162	1215	1268	1321	1374

Weights listed are for Pulleys with Hubs for Max. Standard Bores.

Jeffrey Pulleys

Tight and Loose Pulleys



THE hubs of our Tight and Loose Pulleys are faced so as to keep the rims from rubbing. When Loose Pulleys are intended for heavy strains or high speeds, we recommend having oil chambers in centers of hubs or their being fitted with self-oiling bushings.

List Prices

Price to be added to the List Price Per Pair of Plain Pulleys when fitted up as Tight and Loose Pulleys.

Diam. Pulley In.	Face in Inches				
	3-4	5-6	7-8	9-10	11-12
6- 9	$1.30	$2.00	$3.00	$4.50	
10–15	1.50	2.30	3.40	5.00	$7.00
16–20	2.10	2.90	4.00	5.50	7.50
21–30	3.30	4.10	5.20	6.80	9.10
31–42	4.50	5.50	6.90	9.00	12.10
43–60	6.00	7.40	9.30	12.00	15.80

List Prices of Solid Double Arm Pulleys for Belt Conveyor Service

Diam. Pulley In.	Largest Bore at Regular Price	Face of Pulley—Inches								
		16	18	20	22	26	32	38	44	50
12	$2\frac{7}{16}$	$26.50	$27.50	$30.00	$32.50	$ 40.00	$ 59.50	$ 67.00	$ 82.00	$ 96.00
14	$2\frac{15}{16}$	28.50	30.00	32.00	34.00	42.00	63.00	70.00	96.00	110.00
16	$2\frac{15}{16}$	.....	32.00	34.00	37.00	45.00	67.00	74.00	100.00	118.00
18	$3\frac{7}{16}$	.....	34.50	36.00	39.00	47.50	71.00	80.00	110.00	130.00
20	$3\frac{15}{16}$	.....	37.50	40.00	43.00	51.00	75.00	90.00	120.00	150.00
22	$3\frac{15}{16}$	.....	.....	44.00	48.00	56.00	80.00	100.00	130.00	165.00
24	$4\frac{7}{16}$	.....	.....	.....	53.00	61.00	85.00	110.00	140.00	180.00
26	$4\frac{7}{16}$	.....	.....	.....	60.00	68.00	93.00	119.00	152.00	195.00
28	$4\frac{15}{16}$	.....	.....	.....	68.00	75.00	102.00	129.00	165.00	212.00
30	$4\frac{15}{16}$	.....	.....	.....	.....	84.00	112.00	140.00	180.00	230.00
32	$4\frac{15}{16}$	.....	.....	.....	.....	94.00	122.00	150.00	195.00	250.00
34	$4\frac{15}{16}$	.....	.....	.....	.....	105.00	132.00	160.00	210.00	270.00
36	$5\frac{7}{16}$	.....	.....	.....	.....	120.00	142.00	170.00	230.00	290.00

Above Price List Covers Pulleys Bored, Turned, Keyseated and with Set Screws over Keyseats.

If pulleys are required split, price will be furnished on application.

Minimum Bore for Double Arm Pulleys is $1\frac{15}{16}$ inches.

Hubs for double arm pulleys have a diameter equal to that given in Hub Table on page 182; the standard length of each hub is equal to the bore + 2 inches.

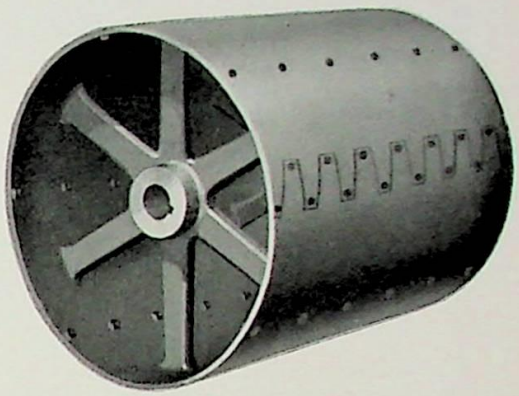
Weights of Solid Double Arm Pulleys

Diam. Pulley In.	Max. Standard Bore	Face in Inches—Approx. Weight, Lbs.								
		16	18	20	22	26	32	38	44	50
12	$2\frac{7}{16}$	140	150	160	170	195	235	275	320	365
14	$2\frac{15}{16}$	155	165	180	195	225	270	315	365	420
16	$2\frac{15}{16}$	.....	210	220	230	270	325	380	455	525
18	$3\frac{7}{16}$	.....	260	270	280	320	380	440	530	635
20	$3\frac{15}{16}$	.....	.....	310	325	370	430	490	580	690
22	$3\frac{15}{16}$	.....	.....	355	370	420	490	560	640	750
24	$4\frac{7}{16}$	.....	.....	.....	420	480	580	670	750	920
26	$4\frac{7}{16}$	.....	.....	.....	460	520	600	680	760	980
28	$4\frac{15}{16}$	.....	.....	.....	500	560	640	730	810	1040
30	$4\frac{15}{16}$	.....	.....	.....	.....	630	730	820	920	1075
32	$4\frac{15}{16}$	.....	.....	.....	.....	700	800	900	1000	1160
34	$4\frac{15}{16}$	.....	.....	.....	.....	770	860	970	1080	1260
36	$5\frac{7}{16}$	.....	.....	.....	.....	840	930	1050	1200	1375

Jeffrey Pulleys

Rubber Covered

RUBBER Covered Pulleys increase the tractive effort of the plain driving pulley of a belt from 10 to 20% where the contact between the pulley and the belt is clean or where dust from the materials handled is damp. However, they should not be used in dry and very dusty conditions of coal, clays and similar smooth materials as they decrease the tractive effort.

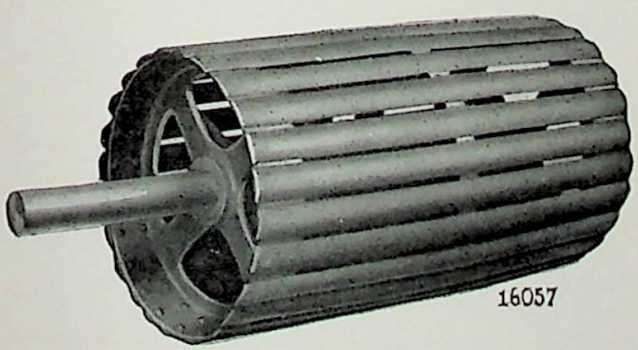


Extra Price to be added to List of Double Arm Pulleys, Page 186

Diam. Pulley Inches	Width of Belt—Inches								
	14	16	18	20	24	30	36	42	48
	Face of Pulley—Inches								
	16	18	20	22	26	32	38	44	50
12	$26.00	$28.00	$31.00	$33.00	$39.00				
14	28.50	31.00	34.00	36.50	42.50				
16	.....	34.50	37.50	40.50	47.00	$ 56.00			
18	.....	37.50	41.00	44.00	51.50	61.50	$ 72.50		
20	.....	41.00	44.50	48.00	56.00	67.00	79.50		
22	.....	.....	48.00	52.00	60.00	72.00	85.00		
24	.....	.....	.....	56.00	64.50	78.00	91.00	$105.00	$118.00
26	.....	.....	.....	60.00	69.00	83.50	98.00	112.00	126.00
28	.....	.....	.....	63.50	73.00	89.00	104.00	120.00	135.00
30	.....	.....	.....	.....	78.00	94.50	112.00	128.00	144.00
32	.....	.....	.....	.....	82.50	100.00	118.00	136.00	153.00
34	.....	.....	.....	.....	87.00	106.00	125.00	143.00	162.00
36	.....	.....	.....	.....	92.00	111.00	132.00	151.00	172.00

Approximate Weight of Rubber Cover to be Added to Weight of Pulley

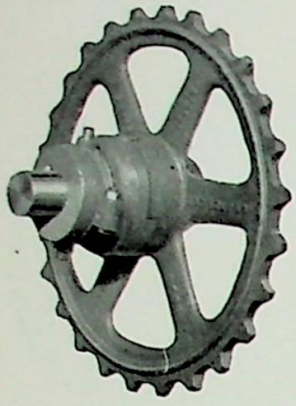
Diam. Pulley Inches	Face of Pulley—Inches								
	16	18	20	22	26	32	38	44	50
12	5.1	5.9	6.7	7.2					
14	5.9	6.8	7.5	8.2					
16	.....	7.8	8.9	9.4	11.3				
18	.....	8.8	10.0	10.6	12.9				
20	.....	.....	11.1	11.8	14.3	17.6			
22	.....	.....	12.2	12.9	15.8	19.4			
24	.....	.....	.....	14.1	17.2	21.2	25.1	29.0	32.4
26	.....	.....	.....	15.2	18.6	22.9	27.1	31.4	35.5
28	.....	.....	.....	16.4	20.2	24.7	29.3	33.8	38.5
30	.....	.....	.....	17.6	21.6	26.5	31.3	36.2	41.1
32	.....	.....	.....	18.7	22.8	28.1	33.3	38.5	43.6
34	.....	.....	.....	.....	24.4	30.0	35.5	41.0	46.5
36	.....	.....	.....	.....	25.8	31.7	37.6	43.5	49.4

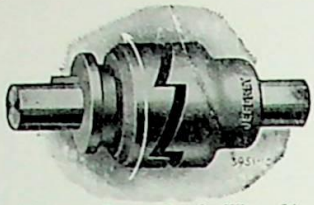


Slatted Drive Pulleys

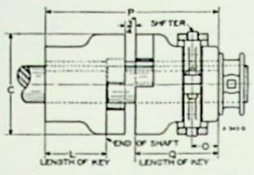
THE Slatted Pulley is of distinct advantage for head pulleys on belt conveyors handling sticky or gritty sharp materials such as crushed stone which tend to get on the under side of the belt, and either build up on the head pulley or cut the belt. The face of the pulley consisting of a series of slats allows this material to fall thru thus greatly increasing the life of the belt. Price on Application.

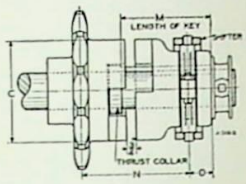
Jeffrey Jaw Clutches and Couplings

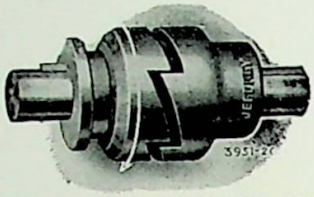




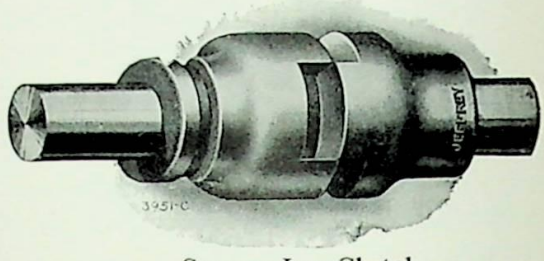
Spiral Jaw—Left Hand*







Spiral Jaw—Right Hand*



Square Jaw Clutch

*Arrows indicate direction of rotation for both R. H. and L. H. spiral clutches where the "Sliding Halves" drive the "Stationary Halves." Rotation is in the opposite direction from that shown where "Stationary Halves" drive the "Sliding Halves."

List Prices of Jaw Clutches and Couplings

Order by Diam. Shaft	Clutch Complete		Clutch or Coupling Parts					Order by Diam. Shaft	Clutch Complete		Clutch or Coupling Parts				
			Stationary Half Only								Stationary Half Only				
	†Wheel Clutch Complete with Shifter and Thrust Collars	‡Clutch Coupling Complete with Shifter Collar	Jaw Hub to Wheel	Half of Coupling	Sliding Half Only Without Shifter Collar	Shifter Collar Only	Internal Thrust Collar		†Wheel Clutch Complete with Shifter and Thrust Collar	‡Clutch Coupling Complete with Shifter Collar	Jaw Hub to Wheel	Half of Coupling	Sliding Half Only Without Shifter Collar	Shifter Collar Only	Internal Thrust Collar
1 1/16	$ 8.40	$10.40	$2.00	$4.00	$ 4.80	$1.60	.....	2 11/16	$23.00	$25.00	$ 6.00	$10.00	$12.40	$2.60	$2.00
1 3/16	9.90	11.20	2.20	4.40	5.20	1.60	$0.90	2 15/16	26.20	28.00	7.00	11.20	13.80	3.00	2.40
1 7/16	11.20	12.60	2.60	5.00	5.80	1.80	1.00	3 3/16	32.40	35.00	9.00	14.60	17.00	3.40	3.00
1 11/16	12.70	14.20	3.00	5.60	6.80	1.80	1.10	3 13/16	39.60	46.00	11.00	21.00	21.20	3.80	3.60
1 15/16	14.20	16.00	3.40	6.40	7.60	2.00	1.20	4 1/16	49.40	58.00	13.00	26.00	27.80	4.20	4.40
2 3/16	16.80	19.00	4.00	7.60	9.20	2.20	1.40	4 5/16	59.20	70.00	15.00	31.00	34.00	5.00	5.20
2 7/16	19.80	22.00	5.00	8.80	11.00	2.20	1.60								

Prices of Split Clutches on application.
†Consisting of "Stationary Half" for wheel (cast to hub) with Thrust Collar also "Sliding Half" with shifter collar. Lever and Yoke extra.
‡Consisting of "Stationary Half" also "Sliding Half" with Shifter Collar. Lever and yoke extra.
Clutches are of either 2 square jaws or 3 spiral jaws. Square jaws furnished when kind is not specified.

Dimensions of No. 2 Square or Spiral Jaw Clutches

Order by Diam. Shaft	General Dimensions—Inches								†Approx Weight, Lbs.	
	C	O	M	N		L	Q	P		
				Disengaged as Shown	Fully Engaged			Disengaged as Shown	Fully Engaged	Clutch	Coupling
1 1/16	3 11/16	1 1/8	3 3/4	4 7/8	3 1/2	2 3/4	3 5/8	7 1/2	6 1/8	9	13
1 3/16	4 1/16	1 1/16	4 3/16	5 1/4	3 3/4	2 13/16	4 3/16	7 3/8	6 3/8	13 1/4	18
1 7/16	4 7/16	1 1/4	4 5/8	5 3/4	4 1/8	3	4 5/8	8 1/2	6 7/8	16	21
1 11/16	5 1/16	1 1/4	5	6	4 3/8	3 1/4	4 7/8	9	7 3/8	19 1/2	27
1 15/16	5 11/16	1 5/16	5 3/8	6 1/16	4 13/16	3 5/8	5 1/4	9 3/4	8 1/8	24 3/4	36
2 3/16	6 3/16	1 7/16	5 13/16	7	5 1/4	3 13/16	5 11/16	10 5/8	8 7/8	31 3/4	48
2 7/16	6 11/16	1 5/8	6 1/2	7 1/2	5 5/8	4 1/4	6 1/8	11 1/2	9 5/8	46 3/4	76
2 11/16	7 3/16	1 3/4	6 7/8	8	6	4 1/2	6 1/2	12 3/4	10 1/4	57 1/2	92
2 15/16	7 11/16	1 13/16	7 1/8	8 1/2	6 3/4	4 13/16	6 13/16	13 1/8	11	64 1/2	102
3 3/16	8 1/16	2 1/8	7 3/8	9 3/8	7	5 1/8	7 1/2	14 1/4	11 7/8	75 1/2	108
3 7/16	9 3/4	2 1/4	9 1/4	11	8 3/8	6 1/4	8 7/8	17	14 3/8	118	180
4 1/16	10 1/2	2 3/8	9 1/2	11 3/8	8 5/8	6 1/2	9 1/4	17 3/4	15	152 3/4	220

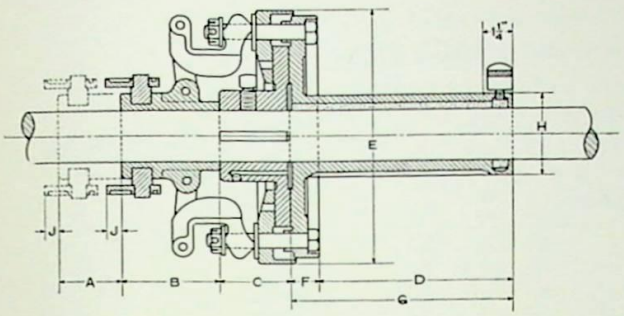
Square Jaw Clutches are furnished when kind is not specified.
†Weight of Clutch is given complete with Thrust and Shifter collars.
Weight of coupling is with shifter collar but no thrust collar.

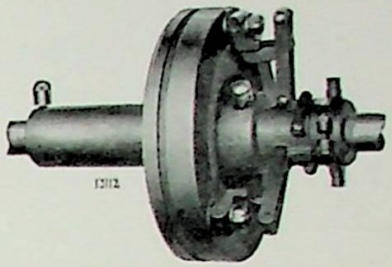
List Prices of Full Yoke Levers for Jaw Clutches

Clutch Shaft Size	Size of Pipe	Length Standard Hand Lever Extension Feet	List Price Lever Complete with Standard Extension	List Price Standard Pipe Extension Only	Approx. Weight Lever Complete Pounds	Clutch Shaft Size	Size of Pipe	Length Standard Hand Lever Extension Feet	List Price Lever Complete with Standard Extension	List Price Standard Pipe Extension Only	Approx. Weight Lever Complete Pounds
1 1/16–1 3/16	1	2 1/2	$3.60	$1.10	14.4	2 11/16–3 1/16	1 1/4	3	$6.20	$1.50	24.0
1 7/16–1 11/16–1 15/16	1	2 1/2	4.00	1.10	16.1	3 3/16–4 1/16	1 1/4	3 1/2	7.40	1.75	30.5
2 3/16–2 7/16–2 11/16	1 1/4	3	4.80	1.50	23.0	*4 1/16	.....	.....	.....	.....	.....

*Steel Yoke and Lever used for sizes over 4 1/16". Price on Application.

Jeffrey-Kinney Type Friction Clutches





Clutch with Extended Sleeve

IN construction this clutch is the simplest Friction Clutch made. When clamped together it forms a solid bolt coupling. The power is transmitted directly through the two substantial flat discs and not through bolts, loose joints or working parts.

There are no wood blocks, fibre discs or other parts to quickly wear out and be replaced.

Change in atmospheric conditions does not affect the tension of the adjustments.

When properly oiled the glazed surfaces of the metal allow an easy, smooth, positive action with no sudden strain and without grinding, chattering or other noises. This Clutch is practically indestructible.

It seldom needs adjustment or repairs. The wear of the parts does not effect their power or efficiency.

The shifting mechanism consists of a sliding member to which the one piece cams are connected by pivoted links. This link movement is very powerful and requires slight pressure on the shifting lever to clamp the discs firmly together. All that is necessary to adjust the clutch is to turn the draw bolt nuts which are on the cams on the face of the Clutch. This can be done with a common wrench and does not require any special tools.

The standard sleeve is of the well-known wick oiling type so successfully used in loose pulleys. This sleeve is much longer than a pulley bushing, therefore more durable.

The sleeve is equipped with an automatic oil cup which can be filled in any position. To insure a perfect bearing it is only necessary to keep this cup well filled with machine oil.

For heavy duty or for use on driving shaft at high speed we recommend the use of a ball bearing sleeve.

List Price and Dimensions of Kinney Type Friction Clutches

Clutch No.	List Price		Horse-Power at 100 R.P.M. †	Max. Speed R.P.M. §	Max. Bore	Shaft Equal to Clutch	Approx. Shipping Weight in Lbs.	Stock Bores	A	B	C	D	E	F	G	J
	Solid	Split														
80	$ 14.00	.....	2	1000	1½	15/16	28	15/16 1 3/16 1 7/16	1 3/16	2¾	1 15/16	5	7 3/16	1	6	7/8
81	16.00	.....	2.66	1000	1¾	1 3/16	40	1 3/16 1 7/16 1 11/16	1 5/8	3	2 1/8	6	8½	1	7	7/8
82	18.00	$ 25.00	3.33	900	2	1 7/16	55	1 7/16 1 11/16 1 15/16	2 9/16	3	2 3/16	8	10½	1	9	7/8
83	26.00	36.00	5.33	750	2¼	1 11/16	92	1 11/16 1 15/16 2 3/16	2 11/16	3½	2 13/16	7 11/16	13	1 5/16	9	7/8
84	40.00	50.00	8	600	2½	1 15/16	160	1 15/16 2 3/16 2 7/16	3 1/8	5 1/8	3¼	10 3/8	15 3/8	1 5/8	12	1 1/8
85	50.00	60.00	13.33	500	3	2 3/16	195	2 3/16 2 7/16 2 15/16	3½	5¼	3¼	10 3/8	16 7/8	1 5/8	12	1 1/8
86	75.00	90.00	23.33	400	3¾	2 7/16	340	2 7/16 2 15/16 3 7/16	3½	5¾	3¾	12 3/8	18 3/8	1 5/8	14	1 1/8
87	140.00	160.00	40	400	4½	2 15/16	450	2 15/16 3 7/16 3 15/16	4 3/8	6 5/8	5¼	13 7/8	22	2 1/8	16	1¼
9	290.00	310.00	66	350	5¾	3 7/16	750	3 7/16	5	6¼	5	21	25	3	24	2
10	390.00	450.00	100	330	6½	3 15/16	900	3 15/16	6	6¾	5½	20½	29	3¼	24	2
11	720.00	780.00	200	310	8¼	4 15/16	1900	4 15/16	6 5/8	6½	6½	24½	35¼	3 7/8	28	2 1/8
12	1000.00	1200.00	330	300	9¾	6	2800	6	8	6½	7 5/8	24½	41¾	4 3/8	28	2 1/8

§ For Speeds over 300 R.P.M., Clutches must be specially balanced and should be noted on order. Friction Clutch Sleeves operating at speeds 400 R. P. M. and over should be fitted with Ball Bearings.

† For frequent starting, use Clutch of Shaft Capacity.

All Clutches will pick up and transmit full rated capacity. Horse-power may be increased in direct proportion to the speed up to 300 R. P. M. Above this speed deduct 10 per cent per 100 R. P. M. for starting load. For carrying capacity direct ratio any speed.

Note Max. Diameter of Pulleys, Sprockets, etc., on page 190 to be used with clutches.

Keyseats in both driving member and outside of sleeve are the standard for the shaft on which clutch is mounted, see page 124.

Extended Sleeves for Kinney Type Clutches—Dimensions in Inches

Clutch No.	Dimensions—Inches														
	15/16	1 3/16	1 7/16	1 11/16	1 15/16	2 3/16	2 7/16	2 11/16	2 15/16	3 7/16	3 15/16	4 7/16	4 15/16	5 7/16	6
	Outside Diameter of Sleeve H—Inches														
80	2 7/16	2 7/16	2 7/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
81	.....	2 15/16	2 15/16	2 15/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
82	.....	.....	2 15/16	2 15/16	2 15/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
83	.....	.....	.....	3 7/16	3 7/16	3 7/16	.....	.....	.....	.....	.....	.....	.....	.....	.....
84	.....	.....	.....	.....	3 7/16	3 7/16	3 15/16	.....	.....	.....	.....	.....	.....	.....	.....
85	.....	.....	.....	.....	.....	4 7/16	4 7/16	4 7/16	4 7/16	.....	.....	.....	.....	.....	.....
86	.....	.....	.....	.....	.....	.....	4 7/16	4 15/16	4 15/16	5 7/16	.....	.....	.....	.....	.....
87	.....	.....	.....	.....	.....	.....	.....	4 15/16	4 15/16	5 15/16	5 13/16	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	5 15/16	6½	7	7½	8	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6½	7	7½	8	8½
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8½	8½	9	9½
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9½	9½

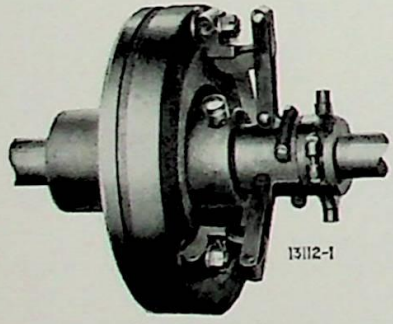
Jeffrey-Kinney Type Friction Clutches

Proper Size Clutches for Standard Pulleys

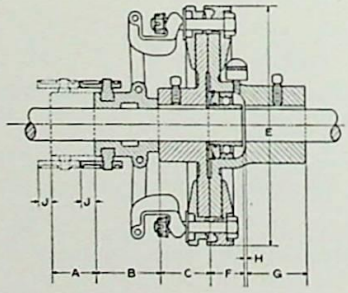
Diam. of Pulley In.	Width of Face—Inches									
	2	3	4	5	6	8	10	12	14	16
	Clutch Number									
6	80	80	80	80	82	83	83	83	85	86
8	80	80	80	80	82	83	83	83	85	86
10	80	80	80	81	82	83	83	84	85	86
12	80	80	81	81	83	83	84	84	85	86
14	80	80	81	82	83	83	84	84	85	86
16	80	81	82	83	83	84	84	85	86	86
18	80	81	82	83	83	84	85	85	86	86
20	80	82	83	83	84	84	85	85	86	86
22	....	82	83	83	84	84	85	85	86	86
24	....	82	83	84	84	85	85	86	86	86
26	....	83	83	84	84	85	86	86	86	86
28	....	83	83	84	85	85	86	86	86	86
30	....	83	84	84	85	85	86	86	86	87
32	....	83	84	84	85	85	86	86	86	87
34	....	83	84	85	85	85	86	86	86	87
36	....	83	84	85	85	85	86	86	87	87
38	....	....	84	85	85	86	86	86	87	87
40	....	....	84	85	85	86	86	86	87	87
42	....	....	84	85	85	86	86	87	87	87
44	....	....	....	85	85	86	86	87	87	87
46	....	....	....	85	85	86	87	87	87	87
48	....	....	....	85	86	86	87	87	87	87
50	....	....	....	85	86	86	87	87	87	87
52	....	....	....	85	86	86	87	87	87	
54	....	....	....	85	86	86	87	87	87	
56	....	....	....	86	86	86	87	87	87	
58	....	....	....	86	86	86	87	87	87	

Caution. No allowance will be made if these Clutches fail to give satisfaction when used with a pulley of a greater capacity than indicated above; except if used with the smallest bore of the several sizes. When using Clutch of the smallest listed bore any size pulley may be used.

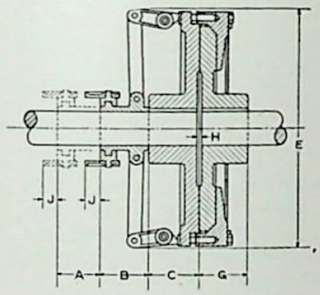
Kinney Type Cut-Off Couplings



Cut-off Coupling



Interchange Type



Worrall Type (Heavy Duty)

IN the Interchange Type the end of the driven shaft projects into and is supported by a ball bearing which is inserted in the face of the driving disc. The inner race is made to fit the end of the driven shaft without the use of an adapter. By the use of the ball bearing guide the principal cause of Cut-off Coupling trouble is eliminated; it keeps the shafts in line and eliminates trouble caused by lack of lubrication. If larger bore than listed is required we can furnish this type Cut-off Coupling with any Driven Pulley Clutch bore by substituting a bronze bushing for the ball bearing. Such Clutches, however, are not guaranteed to transmit the full power of the shaft.

In the Worrall Type the Shafts are centered by the bevel-face flange. This is the only positive method of centering heavy shafts. When disengaged the flanges are entirely separated, eliminating all friction. There is no end thrust upon the shafts or shifting mechanism. This coupling is very compact in design, occupying less space on the shaft than any other Clutch of equal power.

As it is sometimes difficult to obtain the exact horsepower to be transmitted, the table of sizes for Cut-off Couplings is based upon using a coupling of the same rated capacity as the rated capacity of the ordinary steel shafting.

Jeffrey-Kinney Type Friction Clutches

List Price and Dimensions of Kinney Type Cut-Off Couplings

No. of Clutch	Type	List Price	Horsepower at 100 R. P. M. ‡	Max. Speed R. P. M. §	Max. Bore	Shaft Equal to Clutch	A	B	C	E	F	G	H	J
180	Interchange	$21.00	2	1000	1 7/16	11/16	1 1/16	2 3/4	1 13/16	7 1/16	1 3/8	2 1/4	1/8	3/8
181	"	24.00	2.66	1000	1 11/16	1 1/16	1 5/8	3	2 1/8	8 1/2	1 7/16	2 1/2	1/16	3/8
182	"	30.00	3.33	900	1 13/16	1 7/16	2 1/16	3	2 1/16	10 1/2	1 7/16	3	1/16	3/8
183	"	35.00	5.33	750	2 1/16	1 11/16	2 11/16	3 1/2	2 13/16	13	1 11/16	3	1/4	3/8
184	"	47.00	8	600	2 7/16	1 13/16	3 1/8	5 1/8	3 1/4	15 3/8	1 13/16	3 1/2	1/4	1 1/8
185	"	60.00	13.33	500	2 13/16	2 1/16	3 1/2	5 1/4	3 1/4	16 7/8	2 1/16	3 3/4	1/4	1 1/8
186	"	90.00	23.33	400	3 1/16	2 7/16	3 1/2	5 3/4	3 1/4	18 3/8	2 7/16	4	3/8	1 1/8
187	"	160.00	40	400	3 13/16	2 13/16	4 3/8	5 1/4	5 1/4	22	2 13/16	5	3/8	1 1/4
9	Worrall	200.00	66	350	5 3/4	3 1/16	5	6 1/4	5	25	.....	5	1/2	2
10	"	270.00	100	330	6 1/2	3 13/16	6	6 3/4	5 1/2	29	.....	5 1/2	1/2	2
11	"	540.00	200	310	8 1/4	4 13/16	6 5/8	6 1/2	6 1/2	35 1/4	.....	6 1/2	5/8	2 1/8
12	"	800.00	330	300	9 3/4	6	8	6 1/2	7 5/8	41 3/4	.....	7 5/8	3/4	2 1/8

‡For frequent starting, use Clutch of Shaft Capacity. All Clutches will pick up and transmit full rated capacity. Horsepower may be increased in direct proportion to the speed up to 300 R. P. M. Above this speed deduct 10 per cent per 100 R. P. M. for starting load. For carrying capacity direct ratio any speed.

§For Speeds over 300 R. P. M., Clutches must be specially balanced and should be noted on order. Friction Clutch Sleeves operating at speeds 400 R. P. M. and over should be fitted with Ball Bearings.

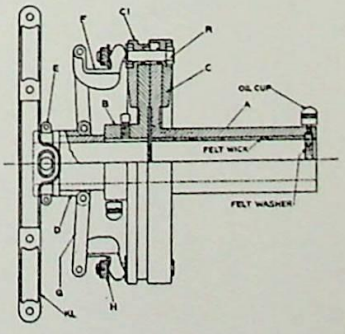
Weights of cut-off Couplings approximately same as shown for Sleeve Type Clutches.

List Price of Repair Parts for Interchange Clutches and Clutch Couplings

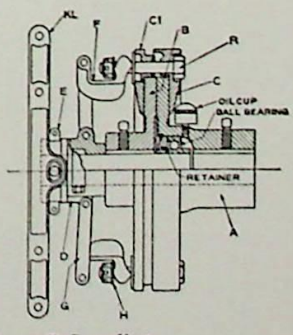
Name of Part	Part Letter	80 and 180	81 and 181	82 and 182	83 and 183	84 and 184	85 and 185	86 and 186	87 and 187
Pulley Sleeve Disc	A	$5.75	$6.80	$7.70	$8.40	$12.60	$19.00	$31.50	$48.00
Cut-off Coupling Bearing Disc	A*	5.75	6.80	7.70	8.40	12.60	19.00	31.50	48.00
Hub, Disc	B	2.70	3.20	3.75	4.20	6.30	8.40	12.60	21.00
Ring (Outside)	C	2.10	2.70	3.20	3.75	5.30	7.35	11.60	19.00
Ring (Inside)	C-1	2.10	2.70	3.20	3.75	5.30	7.35	11.60	19.00
Shifter Sleeve	D	1.10	1.35	1.60	1.85	2.35	3.20	5.25	10.50
Shifter Ring	E	.45	.55	.65	.80	1.10	1.35	2.10	4.20
Cam	F	.35	.35	.35	.55	.75	.75	.75	1.30
Links (per pair)	G	.25	.25	.25	.30	.45	.45	.60	.90
Cam Washer	H	.05	.05	.05	.05	.05	.05	.05	.10
Shifter Yoke	KL	2.10	2.10	2.10	3.20	4.20	4.20	4.20	6.30
Fulcrum	M	.25	.25	.25	.25	.30	.30	.30	.50
Disc Spring	N	.15	.15	.15	.15	.20	.20	.20	.40
Adj. Bolt and Nut	R	.20	.25	.25	.40	.70	.70	.70	1.00
Oil Cup		.60	.60	.60	.70	.70	.70	.70	.70
Oil Wick		.15	.15	.15	.15	.20	.25	.30	.30
Assembly charge for D-E-F-G when ordered assembled		2.75	3.20	3.50	4.40	7.00	8.15	12.75	23.50

*Price of Bearing Disc A for Cut-off Coupling does not include ball bearing.
Split parts are interchangeable with solid parts of same number.
Part D is split on all sizes except Nos. 80 and 81.
Part E is split on all sizes.
Parts A, B, C, C1 can be supplied split if desired, add 25 % to list.

Clutch Yoke and Fulcrum



Clutch



Cut-off Coupling

Jeffrey Transmission Belting

Woven Cotton Transmission Belt

List Price per Foot

Width of Belt Inches	Number of Plies						
	2	3	4	5	6	8	10
2	$0.12	$0.18	$0.26	$0.32	$0.39	$0.50	
3	.18	.26	.34	.42	.53	.71	
4	.23	.32	.43	.56	.67	.90	
5	.28	.40	.53	.69	.84	1.15	
6	.33	.47	.63	.81	1.00	1.33	
7	.40	.58	.74	.96	1.20	1.60	
8	.44	.64	.84	1.08	1.35	1.80	
9	.55	.78	1.00	1.30	1.60	2.20	
10	.60	.85	1.10	1.45	1.75	2.50	$3.15
12	.68	.97	1.27	1.70	2.06	2.90	3.65
14	.84	1.18	1.53	1.98	2.40	3.40	4.25
16	.96	1.35	1.75	2.25	2.70	3.90	4.90
18	1.08	1.53	1.98	2.52	3.05	4.35	5.45
20	1.20	1.70	2.20	2.85	3.40	4.90	6.15
22	1.30	1.85	2.44	3.20	3.85	5.45	6.85
24	1.40	2.00	2.64	3.40	4.10	6.00	7.50

Stitched Canvas Transmission Belt

List Price per Foot

Width of Belt Inches	Number of Plies					
	3	4	5	6	8	10
2	$0.39	$0.46	$0.58	$0.69		
3	.55	.65	.81	.98		
4	.70	.82	1.03	1.23		
5	.87	1.02	1.28	1.53		
6	1.04	1.22	1.53	1.83	$2.44	$3.06
7		1.43	1.79	2.15	2.86	3.58
8		1.54	1.93	2.31	3.08	3.86
9		1.73	2.16	2.60	3.46	4.32
10		1.92	2.40	2.88	3.84	4.80
12		2.30	2.88	3.45	4.60	5.76
14		2.69	3.36	4.04	5.38	6.72
16		3.08	3.86	4.62	6.16	7.72
18		3.46	4.32	5.20	6.92	8.64
20		3.84	4.80	5.76	7.68	9.60
22		4.22	5.28	6.34	8.44	10.56
24		4.60	5.76	6.90	9.20	11.52

Rubber Transmission Belt

List Price per Foot

Width of Belt Inches	Number of Plies								
	2	3	4	5	6	7	8	9	10
2	$0.34	$0.39	$0.46	$0.58	$0.69				
3	.48	.55	.65	.81	.98				
4	.61	.70	.82	1.03	1.23	$1.44			
5		.87	1.02	1.28	1.53	1.79			
6		1.04	1.22	1.53	1.83	2.14	$2.44	$2.75	$3.06
7		1.22	1.43	1.79	2.15	2.50	2.86	3.22	3.58
8		1.31	1.54	1.93	2.31	2.70	3.08	3.47	3.86
9			1.73	2.16	2.60	3.03	3.46	3.89	4.32
10			1.92	2.40	2.88	3.36	3.84	4.32	4.80
12			2.30	2.88	3.45	4.03	4.60	5.18	5.76
14			2.69	3.36	4.04	4.71	5.38	6.05	6.72
16			3.08	3.86	4.62	5.40	6.16	6.94	7.72
18			3.46	4.32	5.20	6.06	6.92	7.78	8.64
20			3.84	4.80	5.76	6.72	7.68	8.64	9.60
22			4.22	5.28	6.34	7.38	8.44	9.50	10.56
24			4.60	5.76	6.90	8.06	9.20	10.36	11.52

Jeffrey Gears

Horsepower Ratings listed are for steady load conditions. For heavy intermittent service use ½ to ¾ of ratings.

Speed Limits indicated by zigzag lines with (†‡) notes should be observed for best results in ordinary service.

Pinions of not less than 15 teeth and preferably 18 to 20 teeth should be used in power transmission.

Always use the Horsepower Rating of the smaller Gear of a pair.

GENERAL INFORMATION

To Order Gears from Catalog—Specify

1. Kind.
2. Pitch Diameter.
3. No. of teeth.
4. Width of face.
5. Exact Bore.
6. Keyseat or set screw (or both).
7. Size of keyway (Jeffrey Standard, page 124).
8. Hub dimensions from center line of gear.

To Order Gears to meet your Conditions—Specify

1. Kind of Gears.
2. Speed and size of shaft.
3. Power required.
4. If Spur Gear, centers of shafts.
5. Largest Outside Diameter Gear for clearence conditions.
6. If Hubs are offset or special, give sketch if possible.
7. Width and Depth of Keyseat.

Extra Charges on Gears

We list below, and on pages 194, 195, 196 and 197 the extra prices to be added to regular wheel prices when something different from the standard is wanted.

SPLIT GEARS

Additions to list prices for furnishing CAST IRON Gears Split.

Pitch Diam. Inches	Bore of Gears—Inches															
	1 3/16	1 7/16	1 11/16	1 15/16	2 3/16	2 7/16	2 11/16	2 15/16	3 7/16	3 15/16	4 7/16	4 15/16	5 7/16	5 15/16	6 7/16	6 15/16
Up to 7⅞"	$ 3.80	$ 4.00	$ 4.20	$ 4.40	$ 4.80	$ 5.20										
8"-11⅞"	4.60	4.80	5.00	5.20	5.60	6.00	$ 6.60	$ 7.20	$ 8.40							
12"-17⅞"	5.60	5.80	6.00	6.20	6.60	7.00	7.60	8.20	9.40	$11.00	$13.00	$15.40				
18"-23⅞"	.....	7.00	7.20	7.40	7.80	8.20	8.80	9.40	10.60	12.20	14.20	16.60	$20.40			
24"-29⅞"	.....	8.40	8.60	8.80	9.20	9.60	10.20	10.80	12.00	13.60	15.60	18.00	21.80	$27.20	$34.20	$43.80
30"-35⅞"	.....	10.00	10.20	10.40	10.80	11.20	11.80	12.40	13.60	15.20	17.20	19.60	23.40	29.80	36.80	46.40
36"-41⅞"	.....	11.80	12.00	12.20	12.60	13.00	13.60	14.20	15.40	17.00	19.00	21.40	25.20	31.00	38.60	49.60
42"-47⅞"	.....	.....	.....	14.20	14.60	15.00	15.60	16.20	17.40	19.00	21.60	24.60	29.00	35.40	43.40	54.80
48"-53⅞"	.....	.....	.....	16.40	16.80	17.20	17.80	18.40	19.60	22.20	25.20	28.60	33.40	40.20	48.60	60.40
54"-59⅞"	.....	.....	.....	.....	.....	.....	20.40	21.00	22.80	25.80	29.20	33.00	38.20	45.40	54.20	66.40
60"-65⅞"	.....	.....	.....	.....	.....	.....	.....	24.00	26.40	29.80	33.60	37.80	43.40	51.00	60.20	72.80
66"-71⅞"	.....	.....	.....	.....	.....	.....	.....	27.40	30.40	34.20	38.40	43.00	49.00	57.00	66.60	78.80
72"-79⅞"	.....	.....	.....	.....	.....	.....	.....	31.20	34.80	39.00	43.60	48.60	55.00	63.40	73.40	86.00

Additions to list prices for furnishing CAST STEEL Gears Split

Up to 7⅞"	$14.40	$15.60	$16.80	$18.00	$19.20	$20.60										
8"-11⅞"	17.60	18.80	20.00	21.20	22.40	23.80	$25.20	$26.80	$30.60							
12"-17⅞"	22.00	23.20	24.40	25.60	26.80	28.20	29.60	31.20	35.00	$39.40	$44.60	$50.60				
18"-23⅞"	.....	27.60	28.80	30.00	31.20	32.60	34.00	35.60	39.40	43.80	48.00	55.00	$62.80			
24"-29⅞"	.....	32.00	33.20	34.40	35.60	37.00	38.40	40.00	43.80	48.20	53.40	59.40	67.20	$77.00	$89.00	104.00
30"-35⅞"	.....	37.60	38.80	40.00	41.20	42.60	44.00	45.60	49.40	53.80	59.00	65.00	72.80	82.60	94.60	109.60
36"-41⅞"	.....	43.20	44.40	45.60	46.80	48.20	49.60	51.20	55.00	59.40	64.60	70.60	78.40	88.20	100.20	115.20
42"-47⅞"	.....	.....	.....	53.60	54.80	56.20	57.60	59.20	63.00	67.40	72.60	78.60	86.40	96.20	108.20	123.20
48"-53⅞"	.....	.....	.....	62.80	64.00	65.40	66.80	68.40	72.20	76.60	81.80	87.80	95.60	104.20	116.20	131.20
54"-59⅞"	.....	.....	.....	.....	.....	.....	77.40	79.00	83.80	88.20	93.40	99.40	106.20	116.20	132.60	151.20
60"-65⅞"	.....	.....	.....	.....	.....	.....	.....	93.00	97.20	102.20	108.40	115.80	125.20	138.40	154.40	173.40
66"-71⅞"	.....	.....	.....	.....	.....	.....	.....	106.40	112.00	118.40	126.00	134.80	145.60	160.20	176.60	197.00
72"-79⅞"	.....	.....	.....	.....	.....	.....	.....	121.20	128.20	136.00	145.00	155.20	167.40	182.40	200.20	222.00

Jeffrey Gears

Extra Charges on Gears
Facing Hubs

Our regular list prices include facing one hub, but not to a specified dimension. When hubs are wanted faced to a specified dimension, the following extras will be added to list prices.

Cast Iron Gears
Facing one side of Hub to a specified dimension

Pitch Diam. Inches	Bore of Gears—Inches						
	15/16"-1 3/16"	1 7/16"-1 11/16" 1 15/16"	2 3/16"-2 7/16" 2 11/16"	2 15/16"-3 7/16" 3 15/16"	4 7/16"-4 15/16"	5 7/16"-5 15/16"	6 7/16"-6 15/16"
Up to 17 7/8"	$0.30	$0.40	$0.50	$0.80	$ 1.10	$ 1.40	
18"-30 7/8"	.....	.70	.80	1.10	1.40	1.70	$ 2.80
31"-47 7/8"	.....	1.00	1.10	1.40	1.70	2.00	2.80
48"-57 7/8"	.....	1.40	1.40	1.70	2.00	2.30	2.80
58"-69 7/8"	.....	.....	1.90	2.20	2.50	2.80	2.80
70"-79 7/8"	.....	.....	2.50	2.80	3.10	3.40	3.40
80"-120"	.....	.....	.....	3.40	3.70	4.00	4.00
Facing both sides of Hub to specified dimensions							
Up to 17 7/8"	$1.00	$1.20	$1.40	$ 2.00	$ 2.60	$ 3.20	
18"-30 7/8"	1.80	2.00	2.20	2.80	3.40	4.00	$5.60
31"-47 7/8"	.....	2.80	3.00	3.60	4.20	4.80	6.20
48"-57 7/8"	.....	.....	3.90	4.50	5.00	5.70	6.80
58"-69 7/8"	.....	.....	4.80	5.40	6.00	6.60	7.40
70"-79 7/8"	.....	.....	5.70	6.30	6.90	7.50	8.00
80"-120"	.....	.....	.....	7.20	7.80	8.40	8.80

Cast Steel Gears
Facing one side of Hub to a specified dimension

Up to 17 7/8"	$0.60	$0.80	$1.10	$ 1.40	$ 2.00	$ 2.60	
18"-30 7/8"	.....	1.10	1.40	1.70	2.30	2.90	$4.20
31"-47 7/8"	.....	1.60	1.90	2.20	2.80	3.40	4.20
48"-57 7/8"	.....	2.20	2.50	2.80	3.40	4.00	4.60
58"-69 7/8"	.....	.....	3.10	3.40	4.00	4.60	4.60
70"-79 7/8"	.....	.....	3.70	4.00	4.60	5.20	5.20
80"-120"	.....	.....	.....	4.60	5.20	5.80	5.80
Facing both sides of Hub to specified dimensions							
Up to 17 7/8"	$1.80	$2.20	$2.80	$ 3.40	$ 4.00	$ 4.60	
18"-30 7/8"	.....	3.60	4.20	4.80	5.40	6.00	$ 8.00
31"-47 7/8"	.....	5.00	5.60	6.20	6.80	7.40	9.20
48"-57 7/8"	.....	.....	7.00	7.60	8.20	8.80	10.40
58"-69 7/8"	.....	.....	8.40	9.00	9.60	10.20	11.60
70"-79 7/8"	.....	.....	9.80	10.40	11.00	11.60	12.80
80"-120"	.....	.....	.....	.....	12.40	13.00	14.00

Jeffrey Gears

Extra Charges on Gears

Extra Lengths of Hubs

The following list gives the amount to be added to the list price of the Gear for each extra inch (or fraction of inch) of Hub length wanted, longer than standard shown on page 124. This list does not apply to bevel and miter gears. Changes in backing and lengths of Hubs are special and will be billed from cost.

Largest Bore at Regular Prices, Inches	Extra List Price per Extra Inch of Length		Largest Bore at Regular Prices, Inches	Extra List Price per Extra Inch of Length	
	Cast Iron	Cast Steel		Cast Iron	Cast Steel
15/16	$0.30	$0.90	3 7/16	$2.50	$5.80
1 3/16	.40	1.30	3 15/16	2.80	6.40
1 7/16	.50	1.70	4 7/16	3.10	7.00
1 11/16	.70	2.10	4 15/16	3.60	7.80
1 15/16	.90	2.50	5 7/16	4.20	8.60
2 3/16	1.10	3.00	5 15/16	4.80	9.50
2 7/16	1.40	3.60	6 7/16	5.40	10.40
2 11/16	1.70	4.20	6 15/16	6.00	11.20
2 15/16	2.00	4.80			

Large Bores

In the following table the first column enumerates the various items of "Largest Bore" at Regular Prices. The extra charges for larger bores are based on furnishing hubs of larger diameter, but no greater length than those listed as standard. The larger diameter of hub will conform to our established standard for the size of shaft, see page 124. If a still larger diameter is required an extra charge will be made, based on the extra cost.

Large Bores for CAST IRON Gears

When Listed Bore is	Add to List Price for Larger Bore as below														
	1 3/16"	1 7/16"	1 11/16"	1 15/16"	2 3/16"	2 7/16"	2 11/16"	2 15/16"	3 7/16"	3 15/16"	4 7/16"	4 15/16"	5 7/16"	5 15/16"	6 7/16"	6 15/16"
15/16"	$0.30	$0.80	$1.40	$2.20	$3.10											
1 3/16"	.....	.50	1.10	1.90	2.80	$3.60										
1 7/16"	.....	.....	.80	1.60	2.50	3.30	$4.20	$5.00	$7.00	$9.50						
1 11/16"	.....	.....	.....	.80	1.70	2.80	3.60	4.50	6.40	9.00						
1 15/16"	.....	.....	.....	.....	.90	2.00	3.00	3.90	5.90	8.40	$11.20	$14.60				
2 3/16"	.....	.....	.....	.....	.....	1.10	2.20	3.10	5.00	7.00	11.00	14.20	$18.50			
2 7/16"	.....	.....	.....	.....	.....	.....	1.10	2.20	4.20	6.80	10.40	13.80	18.20	$23.20		
2 11/16"	.....	.....	.....	.....	.....	.....	.....	1.40	3.40	5.90	9.80	12.90	17.60	23.00	$29.20	
2 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	2.20	4.80	8.40	11.80	16.80	22.40	28.20	$36.40
3 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.40	7.80	10.40	15.40	21.20	26.80	35.20
3 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.50	8.40	13.40	19.60	25.00	33.60
4 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.90	11.00	17.20	22.40	31.40
4 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.60	13.80	19.40	28.40
5 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.20	15.80	24.40
5 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.20	19.60
6 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.40

Large Bores for CAST STEEL Gears

15/16"	$0.60	$1.70	$2.80	$4.50	$6.20											
1 3/16"	.....	1.10	2.20	3.90	5.60	$7.30										
1 7/16"	.....	.....	1.60	3.30	5.00	6.70	$8.40	$10.20	$13.80	$18.20						
1 11/16"	.....	.....	.....	1.60	3.30	5.60	7.30	9.00	12.60	17.40	$22.20					
1 15/16"	.....	.....	.....	.....	1.60	4.00	6.20	7.80	11.50	16.30	21.60	$27.20				
2 3/16"	.....	.....	.....	.....	.....	2.20	4.50	6.20	9.80	14.50	20.80	26.60	$33.80			
2 7/16"	.....	.....	.....	.....	.....	.....	2.20	4.50	8.10	12.80	19.60	25.40	33.40	$42.00		
2 11/16"	.....	.....	.....	.....	.....	.....	.....	2.80	6.40	11.20	18.00	23.80	32.20	41.40	$51.60	
2 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	4.20	9.00	15.60	21.60	30.60	40.40	51.00	$63.60
3 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.40	13.20	19.00	28.00	38.40	49.60	62.80
3 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.70	15.80	24.60	35.60	47.40	61.00
4 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.50	20.40	31.40	43.60	57.40
4 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.60	25.60	37.20	51.00
5 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.40	29.20	42.80
5 15/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.20	34.20
6 7/16"	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.80

Jeffrey Gears

Extra Charges on Gears

Extra Key Seat or Set Screws

No extra charges made over regular price of gear, for furnishing one straight keyseat, with two set screws over it, or one taper keyseat without set screws. When a gear is wanted with two keyseats, the extra charge for one extra keyseat will be as follows:

Extra Charge for One Extra Key Seat (Cast Iron Gears)

Pitch Diam. Inches	Bores of Gears, in Inches											
	15/16" 1 3/16"	1 7/16" 1 11/16"	1 15/16" 2 3/16"	2 7/16" 2 15/16"	3 7/16" 3 11/16"	3 15/16"	4 7/16"	4 15/16"	5 7/16"	5 15/16"	6 7/16"	6 15/16"
Up to 29 7/8	$1.20	$1.40	$1.50	$1.70	$2.20	$2.80	$3.40	$4.20	$5.00	$5.80	$6.60	$7.40
30–39 7/8	.....	1.70	1.90	2.20	2.80	3.40	4.00	4.80	5.60	6.40	7.20	8.00
40–47 7/8	.....	.....	2.50	2.80	3.40	4.00	4.60	5.40	6.20	7.00	7.80	8.60
48–59 7/8	.....	.....	.....	3.60	4.20	4.80	5.40	6.20	7.00	7.80	8.60	9.40
60–71 7/8	.....	.....	.....	4.40	5.00	5.60	6.20	7.00	7.80	8.60	9.40	10.20
72–120	.....	.....	.....	.....	.....	7.20	8.00	8.80	9.60	10.40	11.20	12.00

Extra Charge for one extra Key Seat (Cast Steel Gears)

Up to 29 7/8	$2.10	$2.20	$2.60	$3.10	$3.60	$4.20	$4.80	$5.60	$6.40	$7.20	$8.10	$9.00
30–39 7/8	.....	3.00	3.40	3.90	4.40	5.00	5.60	6.40	7.20	8.00	8.90	9.80
40–47 7/8	.....	.....	4.20	4.80	5.30	5.90	6.50	7.30	8.10	8.90	9.80	10.70
48–59 7/8	.....	.....	.....	5.90	6.40	7.00	7.60	8.40	9.20	10.00	10.90	11.80
60–71 7/8	.....	.....	.....	7.30	7.80	8.40	9.00	9.80	10.60	11.40	12.30	13.20
72–120	.....	.....	.....	.....	9.20	9.80	10.60	11.70	12.90	14.00	15.10	16.20

When a Gear is wanted with more than two Set Screws the extra charge for each extra pair of Set Screws will be as follows:

Extra Charge for each extra pair of Set Screws (Cast Iron Gears)

Pitch Diam. Inches	Bores of Gears, Inches							
	15/16" 1 3/16"	1 7/16" 1 11/16"	1 15/16" 2 3/16"	2 7/16" 2 15/16"	3 7/16" 4 7/16"	4 15/16" 5 7/16"	5 15/16" 6 7/16"	6 15/16"
Up to 29 7/8	$0.80	$1.40	$2.00	$2.50	$ 3.00	$3.60	$ 4.20	$ 5.00
30–39 7/8	.....	2.20	2.80	3.30	3.90	4.50	5.10	5.90
40–47 7/8	.....	.....	5.30	5.80	6.40	7.00	7.60	8.40
48–59 7/8	.....	.....	.....	7.20	7.80	8.40	9.00	9.80
60–71 7/8	.....	.....	.....	.....	9.20	9.80	10.40	11.20
72–120	.....	.....	.....	.....	10.60	11.20	11.80	12.60

Extra charge for each extra pair of set screws (Cast Steel Gears)

Up to 29 7/8	$1.10	$1.70	$2.50	$3.10	$ 3.60	$ 4.40	$ 5.20	$ 6.40
30–39 7/8	.....	2.80	3.60	4.20	4.80	5.60	6.40	7.60
40–47 7/8	.....	.....	6.60	7.20	7.80	8.60	9.40	10.60
48–59 7/8	.....	.....	.....	8.90	9.50	10.30	11.10	12.30
60–71 7/8	.....	.....	.....	.....	11.20	12.00	12.80	14.00
72–120	.....	.....	.....	.....	13.20	14.00	14.80	16.00

Jeffrey Gears

Extra Charges on Gears

Extra for Set Screws over Keys in Spur Pinions

When necessary to add a Hub to one side of a solid Spur Pinion in order to place the set screw over the key, an extra charge will be made as follows:

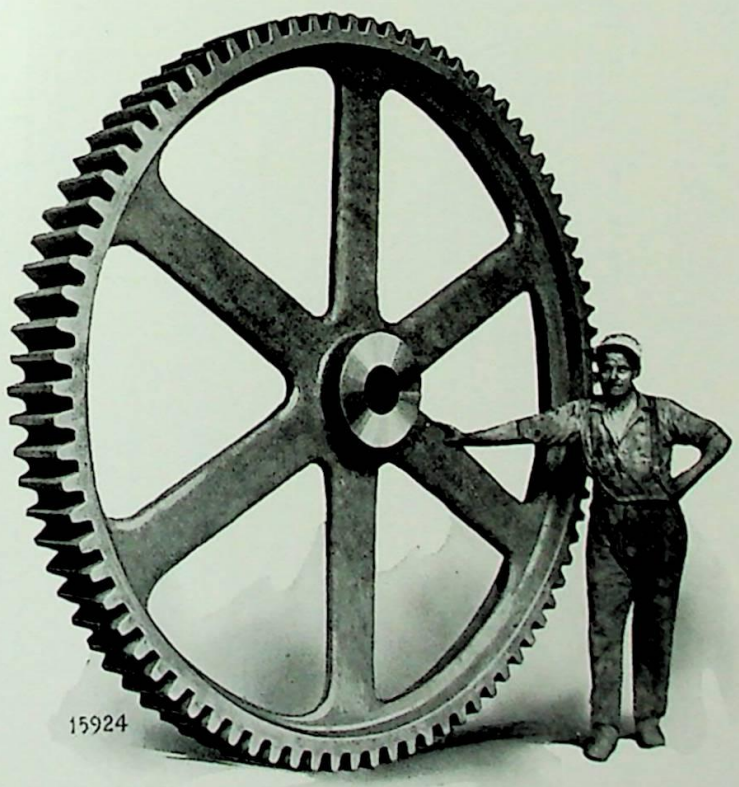
Extra for Set Screws over Key in Spur Pinion

Bore Inches	Length of Hub Inches	List Price		Bore Inches	Length of Hub Inches	List Price	
		Cast Iron	Cast Steel			Cast Iron	Cast Steel
15/16	3/4	$1.00	$1.80	3 7/16	1 1/2	$ 6.80	$12.50
1 3/16	3/4	1.20	2.10	3 15/16	1 1/2	7.20	13.50
1 7/16	3/4	1.80	3.00	4 7/16	1 1/2	7.80	14.20
1 11/16	3/4	2.00	3.30	4 15/16	1 3/4	10.00	18.20
1 15/16	1	2.80	5.00	5 7/16	1 3/4	11.00	19.60
2 3/16	1	3.00	5.60	5 15/16	2	13.80	24.40
2 7/16	1 1/4	4.20	7.60	6 7/16	2	14.80	26.00
2 11/16	1 1/4	4.60	8.40	6 15/16	2	16.80	28.80
2 15/16	1 1/4	5.00	9.00				

NOTE—The above covers extending the Hub as well as extra for Set Screws.

Extra for Shrouding Cast Iron Spur Pinion

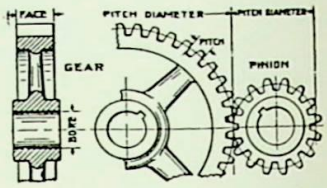
Pitch of Gear, Inches	1/2–5/8	3/4–1 1/4	1 3/8–2	2 1/4–3
Add to list price for single Shroud	30%	25%	20%	15%
Add to list price for double Shroud	60%	50%	40%	30%



One of the large Gears made in our shops.

Jeffrey Spur Gears

List Prices for Cast Iron and Steel, Cast Teeth



Pattern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price Cast Iron	List Price Cast Steel	†† Approx. Weight Lbs.	Horse Power—Cast Iron—Cast Teeth* Revolutions per Minute 10	50	100	150	200	250	300	350
½″ Pitch															
A-18	2.25	14	1	5/8	$4.30	$ 8.60	2	.025	.128	.255	.382	.540	.610	.660	.72
A-19	7.00	44	1	1 1/16	7.60	15.20	7	.120	.600	.975	1.19	1.40	1.54	1.69	1.83
¾″ Pitch															
A-13	2.43	10	1	1 1/16	$ 5.10	$ 9.60	3	.03	.17	.35	.49	.67	.71	.80	.85
A-14	2.43	10	1 5/8	1 1/16	5.20	9.80	3½	.05	.28	.56	.79	1.1	1.1	1.3	1.4
A-228	2.43	10	2¼	1 1/16	5.40	10.20	4	.07	.39	.78	1.1	1.5	1.6	1.8	1.9
13507	3.13	13	2	1 3/16	5.70	10.80	6	.10	.53	1.0	1.4	1.7	1.9	2.0	2.2
A-240	3.37	14	2	1 3/16	5.90	11.20	6½	.11	.58	1.1	1.7	2.0	2.2	2.4	2.5
A-20	3.61	15	2¼	1 3/16	6.10	11.60	7	.14	.74	1.4	2.0	2.4	2.6	2.8	3.1
A-177	3.84	16	2	1 3/16	6.30	12.00	8	.13	.69	1.6	1.9	2.3	2.5	2.7	2.9
A-11	4.08	17	1½	1 3/16	6.30	12.00	8	.07	.39	1.3	1.5	1.8	2.0	2.2	2.3
A-12	4.08	17	2	1 3/16	6.50	12.20	10	.16	.75	1.7	2.0	2.4	2.6	2.9	3.1
A-287	4.78	20	2	1 7/16	7.40	14.00	14	.20	1.0	1.9	2.4	2.9	3.1	3.4	3.7
A-10	5.75	24	1½	1 7/16	8.10	15.40	15	.19	.98	1.7	2.1	2.5	2.7	3.0	3.2
A-9	5.75	24	2	1 7/16	8.30	15.60	17	.26	1.3	2.2	2.8	3.3	3.6	4.0	4.3
A-7	5.98	25	¾	1 7/16	7.80	14.80	16	.10	.53	.90	1.0	1.3	1.4	1.5	1.6
A-175	6.45	27	2	1 7/16	9.10	17.20	18	.31	1.5	2.5	3.1	3.6	4.0	4.3	4.7
A-238	6.69	28	2	1 7/16	9.30	17.60	20	.32	1.6	2.6	3.2	3.8	4.1	4.4	4.8
A-236	8.12	34	2	1 11/16	10.60	20.00	22	.41	1.9	3.0	3.7	4.4	4.7	5.2	5.6
A-239	8.60	36	2	1 11/16	11.00	20.80	24	.44	2.2	3.1	3.8	4.5	5.0	5.4	5.8
A-6	10.04	42	1¾	1 11/16	12.20	23.20	26	.46	2.1	3.0	3.7	4.4	4.8	5.1	5.6 †
A-8	11.23	47	2	1 11/16	13.30	25.20	28	.59	2.6	3.8	4.6	5.4	5.9	6.5	7.0
13506	11.94	50	2	1 11/16	13.40	25.40	30	.65	2.8	3.9	4.7	5.6	6.2	6.7	9.6
A-237	13.85	58	2	1 11/16	16.40	31.00	34	.75	3.0	4.3	5.2	6.2	6.8	7.3	7.9
A-5	16.48	69	1½	1 11/16	19.00	36.00	35	.69	2.5	3.5	4.4	5.0	5.6	6.1	6.5
A-4	17.91	75	2	2 3/16	21.60	41.00	38	.98	3.6	5.0	6.2	7.3	8.0	8.7	‡
A-3	19.58	82	2	2 3/16	23.80	45.20	46	1.1	3.7	5.2	6.3	7.4	8.2	9.0	
A-234	22.20	93	2	2 3/16	27.20	51.60	53	1.3	3.9	5.6	6.8	8.0	8.8		
A-2	23.87	100	1½	2 3/16	28.20	53.60	54	.98	3.1	4.4	5.3	6.2			
A-235	27.93	117	2	2 7/16	35.80	68.00	70	1.6	4.5	6.4	7.8	9.2			
A-1	28.17	118	2	2 7/16	36.20	68.80	75	1.6	4.5	6.4	7.8	9.2			
A-185	31.99	134	1½	2 7/16	40.00	76.00	75	1.3	3.6	5.1	6.2				
1″ Pitch															
A-48	3.24	10	2	1 3/16	$ 6.80	$12.80	6	.13	.62	1.3	1.8	2.0	2.2	2.5	2.6
A-259	3.24	10	2½	1 3/16	7.00	13.20	8	.15	.90	1.5	2.2	2.5	2.8	3.1	3.3
A-49	3.24	10	3½	1 3/16	7.40	14.00	12	.22	1.1	2.2	3.0	3.6	3.9	4.3	4.6
A-47	3.55	11	2¼	1 3/16	7.30	13.80	8	.16	.83	1.6	2.0	2.4	2.6	2.8	3.1
A-43	3.87	12	2⅛	1 7/16	7.60	14.40	8	.17	.90	1.6	2.0	2.3	2.5	2.8	3.0
A-45	3.87	12	2¼	1 7/16	7.70	14.60	9	.19	.98	1.6	2.1	2.5	2.7	2.9	3.1
A-44	3.87	12	2⅝	1 7/16	7.90	15.00	11	.22	1.1	2.0	2.4	2.8	3.1	3.4	3.7
A-46	3.87	12	2¾	1 7/16	7.90	15.00	13	.23	1.2	2.0	2.5	3.0	3.3	3.6	3.8
A-41	4.18	13	2	1 7/16	8.00	15.20	10	.19	.98	1.8	2.2	2.6	2.8	3.1	3.4
A-42	4.18	13	2¾	1 7/16	8.30	15.60	15	.25	1.3	2.5	3.0	3.6	3.9	4.3	4.6
A-255	4.49	14	2½	1 7/16	8.60	16.20	14	.25	1.3	2.6	3.2	3.8	4.1	4.6	4.9
A-40	4.81	15	2	1 7/16	8.80	16.60	14	.23	1.1	2.2	2.8	3.3	3.6	3.9	4.3
A-217	5.12	16	2	1 11/16	9.10	17.20	15	.25	1.3	2.4	3.0	3.5	3.8	4.2	4.5
A-39	5.12	16	2¾	1 11/16	9.60	18.20	18	.35	1.7	3.3	4.1	4.9	5.3	5.8	6.2
A-293	5.44	17	2½	1 11/16	9.60	18.20	15	.36	1.7	3.2	4.0	4.6	5.1	5.6	6.0
A-38	5.76	18	2½	1 11/16	10.00	19.00	18	.38	1.9	3.5	4.2	5.0	5.4	5.9	6.4

*Multiply Horse Power by 2.0 for Cast Iron—Cut Teeth.
Multiply Horse Power by 2.5 for Cast Steel—Cast Teeth.
Multiply Horse Power by 5.0 for Cast Steel—Cut Teeth.
†R. P. M. Limit for Cast Teeth. ‡R. P. M. Limit for Cut Teeth.
NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.
One Keyseat with Set Screw (when required) included in List Price.
††Add 10% for approximate weights of Cast Steel Gears.

Jeffrey Spur Gears

List Prices for Cast Iron and Steel, Cast Teeth

1″ Pitch (Continued)

Pattern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price Cast Iron	List Price Cast Steel	†† Approx. Weight Lbs.	Horse Power—Cast Iron—Cast Teeth* Revolutions per Minute 10	50	100	150	200	250	300	350
A-37	6.08	19	2	1 11/16	$10.00	$19.00	19	.34	1.6	2.9	3.5	4.1	4.6	5.0	5.4
A-36	6.08	19	2¾	1 11/16	10.20	19.40	21	.38	1.9	3.2	4.0	4.6	5.1	5.6	6.0
A-35	6.08	19	2¾	1 11/16	10.60	20.00	24	.47	2.3	3.9	4.8	5.7	6.2	6.8	7.3
A-223	7.34	23	2½	1 15/16	11.80	22.40	30	.50	2.5	4.1	5.1	6.0	6.5	7.2	7.8
A-34	7.66	24	2¾	1 15/16	12.20	23.20	38	.64	3.2	4.8	5.9	6.9	7.7	8.4	9.1
A-176	7.98	25	2½	1 15/16	12.40	23.40	40	.61	3.1	4.5	5.5	6.5	7.1	7.8	8.5
A-33	9.58	30	2	2 3/16	13.40	25.40	30	.62	3.0	4.2	5.2	6.1	6.7	7.3	7.8 †
A-296	9.89	31	3	2 3/16	15.20	28.80	40	.90	4.5	6.5	7.9	9.4	10.2	11.2	12.0
A-32	9.89	31	2	2 3/16	13.80	26.20	32	.65	3.0	4.3	5.3	6.2	6.7	7.4	8.0
A-31	12.42	39	2	2 3/16	16.60	31.40	43	.83	3.5	5.0	6.2	7.8	8.0	8.7	9.5
A-30	14.02	44	2	2 3/16	18.80	35.60	50	.98	3.9	5.5	6.7	8.0	8.7	9.5	10.3
A-29	15.61	49	2	2 3/16	21.20	40.20	54	1.1	4.2	5.9	7.2	8.6	9.4	10.2	11.0
A-28	15.93	50	2½	2 3/16	22.60	42.80	58	1.4	5.3	7.4	9.2	10.8	11.8	12.9	14.0 ‡
A-27	17.84	56	2	2 3/16	24.60	46.60	65	1.3	4.5	6.3	7.8	9.2	10.0	10.8	
A-26	20.06	63	2½	2 3/16	29.60	56.20	80	1.8	6.0	8.6	10.5	12.4	13.5		
A-241	21.97	69	2	2 3/16	31.80	60.40	73	1.6	5.1	7.2	8.8	10.4	11.3		
A-25	23.89	75	2	2 3/16	35.20	66.80	80	1.8	5.5	7.7	9.5	11.2			
60656	23.89	75	2½	2 3/16	36.80	69.80	95	2.1	6.7	9.4	11.6	13.6			
A-24	27.06	85	2½	2 3/16	42.80	81.20	110	2.5	7.1	10.0	12.4	14.6			
A-23	29.93	94	2½	3 7/16	48.20	91.60	125	2.8	7.5	10.6	13.2				
A-22	35.98	113	2	3 7/16	57.80	110.00	135	2.8	6.8	9.5	11.7				
A-21	43.94	138	2	3 7/16	74.20	141.00	155	3.4	7.5	10.6	13.0				

1⅛″ Pitch

20638	3.99	11	3	1 7/16	$ 8.20	$15.60	13	.28	1.4	2.8	3.8	4.2	4.9	5.1	5.9
6593	6.18	17	3	1 11/16	10.60	20.00	26	.54	2.7	4.7	5.8	6.5	7.7	8.9	9.4

1¼″ Pitch

A-81	4.04	10	2¾	1 7/16	$ 9.10	$17.20	14	.27	1.3	2.7	3.3	3.9	4.3	4.6	5.0
A-80	4.04	10	3½	1 7/16	9.40	17.80	16	.34	1.7	3.5	4.2	4.9	5.5	5.9	6.5
A-270	4.04	10	5½	1 7/16	10.20	19.40	25	.53	2.6	5.4	6.6	7.8	8.5	9.3	10.1
A-79	4.44	11	2¾	1 7/16	9.50	18.00	15	.33	1.6	2.8	3.4	4.0	4.4	4.9	5.2
A-273	4.44	11	3¼	1 7/16	9.70	18.40	17	.39	1.9	3.3	4.0	4.7	5.2	5.7	6.1
A-195	4.83	12	2½	1 15/16	9.80	18.60	16	.33	1.6	2.6	3.2	3.7	4.1	4.5	4.9
A-77	4.83	12	2¾	1 11/16	9.90	18.80	18	.36	1.8	2.8	3.5	4.1	4.6	5.0	5.4
A-76	4.83	12	3¼	1 11/16	10.00	19.00	22	.42	2.1	3.4	4.1	4.9	5.4	6.5	6.8
A-78	4.83	12	3½	1 11/16	10.20	19.40	25	.45	2.3	3.7	4.5	5.2	5.8	6.4	6.8
A-75	5.22	13	3	1 15/16	10.20	19.40	22	.44	2.2	3.8	4.6	5.4	6.0	6.5	7.1
A-264	5.62	14	3¼	1 15/16	10.80	20.40	26	.53	2.6	4.8	5.9	6.9	7.5	8.3	9.0
A-74	6.01	15	3¼	1 15/16	11.40	21.60	28	.61	3.0	5.2	6.3	7.4	8.2	9.0	9.6
17897	6.01	15	5	1 15/16	13.20	25.00	36	.90	4.5	8.0	9.7	11.4	12.6	13.6	14.8
A-192	6.40	16	2½	1 15/16	11.40	21.60	25	.49	2.4	4.2	5.2	6.1	6.8	7.8	8.0
20070	6.81	17	2	1 15/16	11.40	21.60	25	.44	2.2	3.6	4.4	5.2	5.7	6.2	6.8
A-72	6.81	17	3¼	1 15/16	12.60	23.80	38	.71	3.5	5.8	7.1	8.4	9.3	10.1	11.0
A-71	7.20	18	2¾	1 15/16	12.60	23.80	36	.66	3.3	5.3	6.4	7.5	8.3	9.0	9.7
12322	7.20	18	3½	1 15/16	13.40	25.40	41	.81	4.0	6.3	8.2	9.6	10.6	11.5	12.5
A-70	7.20	18	4½	1 15/16	14.40	27.20	50	1.04	5.2	8.1	10.5	12.4	13.6	14.8	16.1
A-69	7.99	20	2¾	2 3/16	13.80	26.20	42	.74	4.0	5.7	7.1	8.8	9.1	10.0	10.8
A-68	7.99	20	3¼	2 3/16	14.20	27.00	50	.93	4.8	6.8	8.4	9.8	10.8	11.8	12.8 †
A-204	8.39	21	3	2 3/16	14.60	27.60	50	.92	4.6	6.5	8.0	9.5	10.4	11.3	12.3
A-67	9.18	23	3¼	2 3/16	16.00	30.40	60	1.1	5.4	7.6	9.4	11.1	12.2	13.3	14.4
12324	9.18	23	3½	2 3/16	16.40	31.00	63	1.2	5.7	8.1	10.0	11.8	12.9	14.1	15.3
A-200	9.58	24	5	2 3/16	19.40	36.80	100	1.8	8.5	12.4	15.0	17.6	19.5	21.2	23.0

*Multiply Horse Power by 2.0 for Cast Iron—Cut Teeth.
Multiply Horse Power by 2.5 for Cast Steel—Cast Teeth.
Multiply Horse Power by 5.0 for Cast Steel—Cut Teeth.
†R. P. M. Limit for Cast Teeth. ‡R. P. M. Limit for Cut Teeth.
NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.
One Keyseat with Set Screw (when required) included in List Price.
††Add 10% for approximate weight of Cast Steel Gears.

Jeffrey Spur Gears

List Prices for Cast Iron and Steel, Cast Teeth

1¼″ Pitch (Continued)

Pattern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price		†† Approx. Weight Lbs.	Horse Power—Cast Iron—Cast Teeth* Revolutions per Minute							
					Cast Iron	Cast Steel		10	50	100	150	200	250	300	350
A-66	9.98	25	3¼	2 1/16	$17.20	$32.60	65	1.2	5.8	8.2	10.0	11.8	13.0	14.3	15.3
A-65	10.37	26	3	2 1/16	17.40	33.00	65	1.2	5.5	7.9	9.6	11.4	12.5	13.7	14.8
12325	10.37	26	3½	2 1/16	18.20	34.60	68	1.4	6.4	9.2	11.2	13.3	14.6	16.0	17.2
A-64	11.95	30	3	2 1/16	19.60	37.20	64	1.5	6.2	8.8	10.8	12.7	14.0	15.3	16.4
A-193	12.75	32	2½	2 1/16	19.80	37.60	60	1.3	5.4	7.7	9.4	11.1	12.2	13.4	14.4
12323	12.75	32	3½	2 1/16	21.80	41.40	70	1.8	7.6	10.8	13.2	15.6	17.0	18.8	20.0
A-249	13.94	35	3¼	2 1/16	23.00	43.60	75	1.9	7.5	10.6	13.0	15.3	16.8	18.4	19.8
A-194	14.34	36	2½	2 1/16	21.80	41.40	70	1.5	5.9	8.3	10.2	12.0	13.2	14.5	15.6
A-182	14.34	36	3	2 1/16	23.00	43.60	72	1.8	7.1	10.0	12.2	14.4	15.8	17.4	18.7
A-63	14.74	37	3	2 1/16	23.80	45.20	75	1.9	7.2	10.2	12.4	14.7	16.1	17.7	19.0
A-62	15.93	40	3	2 1/16	25.80	49.00	85	2.0	7.6	10.7	13.1	15.4	17.0	18.6	20.0
A-269	15.93	40	5	2 1/16	31.60	60.00	110	3.4	12.6	17.9	21.8	25.7	28.4	31.0	33.5
A-60	16.33	41	2½	2 1/16	25.20	47.80	75	1.8	6.4	9.1	11.1	13.1	14.4	15.7	17.0
A-61	16.33	41	4½	2 1/16	30.80	58.40	100	3.2	11.6	16.4	20.0	23.6	26.0	28.5	30.6 ‡
A-184	17.91	45	3	2 1/16	29.60	56.20	100	2.4	8.2	11.7	14.2	16.8	18.4	20.2	.....
A-59	19.91	50	3	3 1/16	33.00	62.60	110	2.7	8.8	12.5	15.2	17.9	19.7	.....	.....
A-58	23.88	60	3	3 1/16	40.60	77.00	140	3.3	9.8	13.8	16.9	20.0	.....	.....	.....
A-224	25.09	63	3	3 1/16	43.20	82.00	145	3.4	10.1	14.3	17.5	20.6	.....	.....	.....
A-298	25.09	63	4½	3 1/16	49.20	93.40	175	5.1	15.2	21.5	26.3	30.9	.....	.....	.....
A-57	27.46	69	3	3 1/16	48.80	92.60	155	3.8	10.7	15.0	15.3	21.5	.....	.....	.....
A-250	27.86	70	3¼	3 1/16	51.00	96.80	165	4.2	11.5	16.3	20.0	23.5	.....	.....	.....
A-56	29.83	75	3	3 1/16	54.20	103.00	180	4.1	11.5	15.8	19.3	.....	.....	.....	.....
A-55	31.84	80	3	3 1/16	58.60	111.00	190	4.4	12.0	16.4	20.0	.....	.....	.....	.....
A-54	35.42	89	3	3 1/16	67.60	128.00	220	4.9	13.1	17.4	21.3	.....	.....	.....	.....
A-53	35.81	90	2½	3 1/16	65.80	125.00	205	4.2	11.2	14.6	17.8	.....	.....	.....	.....
A-52	35.81	90	3	3 1/16	68.60	130.00	220	5.0	13.4	17.4	21.3	.....	.....	.....	.....
A-202	38.60	97	3	3 1/16	76.40	145.00	260	5.4	14.0	18.2	.....	.....	.....	.....	.....
A-51	48.15	121	2½	4 1/16	96.80	184.00	265	5.3	11.8	17.3	.....	.....	.....	.....	.....
A-229	48.15	121	3	4 1/16	101.00	192.00	360	6.4	14.7	20.7	.....	.....	.....	.....	.....
A-268	49.35	124	3½	4 1/16	107.00	203.00	400	7.7	17.4	24.5	.....	.....	.....	.....	.....
A-199	52.53	132	5	4 1/16	127.00	241.00	500	10.5	25.5	36.1	.....	.....	.....	.....	.....
5A-0	54.12	136	2½	4 1/16	111.00	210.00	300	5.4	13.0	18.4	.....	.....	.....	.....	.....
A-201	54.51	137	5	4 1/16	132.00	251.00	570	10.9	26.0	37.0 †	.....	.....	.....	.....	.....

1½″ Pitch

A-115	3.92	8	2¾	1 1/16	$10.20	$19.40	15	.31	1.5	2.7	3.3	4.0	4.3	4.7	5.1
A-116	3.92	8	5	1 1/16	11.00	20.80	24	.56	2.8	5.0	6.1	7.2	7.8	8.6	9.2
A-114	4.85	10	4½	1 1/16	12.00	22.80	25	.68	3.4	5.8	7.1	8.5	9.2	10.0	11.0
A-113	5.32	11	3¼	1 1/16	11.80	22.40	25	.54	2.7	4.3	5.3	6.3	6.8	7.5	8.1
A-258	5.32	11	4½	1 1/16	12.60	23.80	30	.75	3.7	6.2	7.6	9.0	9.8	10.8	11.6
A-191	5.32	11	5	1 1/16	13.00	24.60	35	.83	4.1	6.7	8.2	9.7	10.6	11.6	12.5
A-112	5.79	12	4¼	1 1/16	13.20	25.00	32	.79	4.0	6.2	7.6	9.0	9.8	10.8	11.6
A-111	6.27	13	4	1 1/16	13.60	25.80	35	.84	4.2	6.6	8.1	9.6	10.5	11.5	12.4
A-109	6.75	14	4	2 1/16	14.40	27.20	42	.93	4.6	7.7	9.5	11.2	12.2	13.3	14.4
A-110	6.75	14	5	2 1/16	15.40	29.20	60	1.1	5.5	9.7	11.8	14.0	15.3	16.7	18.0
A-108	7.22	15	4½	2 1/16	15.60	29.60	52	1.2	5.9	9.4	11.5	13.6	14.8	16.2	17.5
A-107	7.22	15	4¾	2 1/16	15.80	30.00	60	1.3	6.2	9.9	12.1	14.4	15.6	17.0	18.4
A-214	7.22	15	5	2 1/16	16.20	30.80	65	1.3	6.5	10.4	12.8	15.1	16.5	18.0	19.4
A-106	7.69	16	5	2 1/16	17.00	32.20	72	1.4	7.1	11.2	13.7	16.2	17.6	19.4	20.7
A-104	8.16	17	4	2 1/16	16.60	31.40	60	1.2	6.7	9.5	11.6	13.8	15.0	16.4	17.7 †
A-105	8.16	17	4½	2 1/16	17.20	32.60	72	1.4	7.5	10.7	13.1	15.5	16.8	18.4	19.8
A-103	9.11	19	4	2 1/16	18.00	34.20	80	1.6	7.5	10.5	12.9	15.3	16.6	18.2	19.6
A-102	9.59	20	4	2 1/16	18.60	35.20	90	1.7	7.8	11.0	13.5	16.0	17.4	19.1	20.5
A-279	9.59	20	4¼	2 1/16	20.00	38.00	110	2.0	9.3	13.1	16.0	19.0	20.7	22.7	24.4
A-100	10.06	21	3½	2 1/16	18.40	35.00	90	1.5	7.1	10.1	12.4	14.6	16.0	17.5	18.8

*Multiply Horse Power by 2.0 for Cast Iron—Cut Teeth.
Multiply Horse Power by 2.5 for Cast Steel—Cast Teeth.
Multiply Horse Power by 5.0 for Cast Steel—Cut Teeth.
†R. P. M. Limit for Cast Teeth. ‡R. P. M. Limit for Cut Teeth.
NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.
One Keyseat with Set Screw (when required) included in List Price.
††Add 10% for approximate weight of Cast Steel Gears.

Jeffrey Spur Gears

List Prices for Cast Iron and Steel, Cast Teeth

1½" Pitch (Continued)

Pattern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price Cast Iron	List Price Cast Steel	†† Approx. Weight Lbs.	Horse Power—Cast Iron—Cast Teeth* Revolutions per Minute 10	50	100	150	200	250	300	350
A-101	10.06	21	4¼	2 11/16	$20.00	$38.00	100	1.9	8.7	12.3	15.0	17.8	19.4	21.2	22.9 †
A-99	10.54	22	4	2 11/16	20.00	38.00	95	1.9	8.5	12.1	14.8	17.5	19.1	21.0	22.5
A-98	11.49	24	4	2 11/16	21.80	41.40	100	2.1	9.2	13.0	15.9	18.8	20.5	22.5	24.2
A-97	11.49	24	4½	2 11/16	23.00	43.60	112	2.4	10.3	14.6	17.8	21.0	23.0	25.2	27.0
A-96	11.49	24	5	2 11/16	24.20	46.00	125	2.6	11.4	16.2	19.8	23.5	25.5	28.0	30.0
A-95	12.44	26	5	2 11/16	26.40	50.00	130	2.9	12.2	17.2	21.1	25.0	27.2	30.0	32.0
A-263	12.46	26	6	2 11/16	29.20	55.40	180	3.5	14.6	20.7	25.3	30.0	32.7	35.8	38.5
A-253	12.92	27	4½	2 11/16	26.20	49.80	120	2.8	11.3	16.0	19.5	23.1	25.2	27.5	29.6
A-94	13.39	28	4	2 11/16	25.80	49.00	115	2.6	10.3	14.6	17.9	21.2	23.0	25.2	27.2
A-262	13.84	29	5½	2 11/16	31.20	59.20	170	3.7	14.5	20.6	25.2	30.0	32.5	35.6	38.2
A-181	14.35	30	4	2 11/16	28.00	53.20	122	2.7	10.9	15.4	18.9	22.4	24.4	26.7	28.7
A-93	16.26	34	3½	3 1/16	30.20	57.20	110	2.8	10.4	14.8	18.1	21.4	23.3	25.5	27.5
A-230	16.26	34	5	3 1/16	35.60	67.60	140	4.0	14.9	21.0	25.9	30.6	33.4	36.5	39.2
A-92	16.75	35	4½	3 1/16	35.00	66.40	145	3.8	13.6	19.3	23.6	28.0	30.5	33.4	‡
A-299	17.20	36	2¾	3 1/16	29.80	56.60	111	2.4	8.9	11.8	14.2	16.6	17.6	21.3	
A-117	18.16	38	4½	3 1/16	38.00	72.20	155	4.2	14.5	20.5	25.1	29.8	32.5	35.5	
A-186	19.11	40	4½	3 1/16	40.20	76.40	165	4.4	15.0	21.3	26.0	30.7	33.5		
A-91	20.07	42	4	3 1/16	40.20	76.40	145	4.2	13.8	19.4	23.8	28.2	30.7		
A-178	21.02	44	4½	3 1/16	44.40	84.20	170	5.0	16.0	22.7	27.8	33.0	36.0		
A-90	21.98	46	4	3 1/16	44.40	84.20	162	4.7	14.7	20.7	25.5	30.0	32.8		
A-88	23.89	50	3½	3 1/16	46.40	88.00	160	4.5	13.5	19.2	23.5	27.7			
A-89	23.89	50	4	3 1/16	49.00	93.00	170	5.1	15.5	22.0	26.9	31.8			
A-265	26.25	55	4½	3 1/16	57.80	110.00	220	6.4	18.4	26.0	31.9	37.6			
A-87	28.18	59	4½	3 1/16	62.80	119.00	250	6.9	19.2	27.1	33.2	39.3			
A-210	30.09	63	4½	4 1/16	68.00	129.00	270	7.4	20.0	28.3	34.7				
A-254	30.56	64	4½	4 1/16	69.40	132.00	280	7.5	20.2	28.6	35.0				
A-86	32.00	67	4	4 1/16	69.40	132.00	270	7.0	18.4	26.0	31.8				
A-85	35.82	75	4	4 1/16	79.40	151.00	310	7.9	19.8	28.0	34.3				
A-213	35.82	75	5	4 1/16	87.80	167.00	350	10.0	24.7	35.0	43.0				
A-257	37.25	78	4	4 1/16	83.60	159.00	340	8.3	20.0	28.3	34.6				
A-84	40.12	84	4	4 1/16	94.00	178.00	360	9.3	21.0	29.5					
A-280	40.12	84	4½	4 1/16	98.80	187.00	420	10.5	23.5	33.4					
A-83	47.76	100	4½	4 1/16	128.00	243.00	500	11.5	26.0	36.6					
A-82	48.71	102	3½	4 1/16	119.00	226.00	440	9.2	20.6	29.2					
A-272	49.66	104	4½	4 1/16	135.00	256.00	550	12.0	26.5	38.0					
A-294	55.87	117	4½	4 1/16	163.00	309.00	575	12.7	28.5	40.2					
A-246	60.16	126	4½	5 1/16	179.00	340.00	650	13.2	29.6						

1¾" Pitch

A-284	4.57	8	5	1 1/16	$13.60	$25.80	40	.77	3.8	6.3	7.7	9.1	9.9	10.9	11.7
A-145	6.22	11	5⅝	2 1/16	16.20	30.80	52	1.3	6.5	9.5	11.6	13.7	15.0	16.4	17.6
A-144	6.77	12	5½	2 1/16	17.20	32.60	55	1.4	7.0	9.6	11.8	13.8	15.1	16.6	17.8
A-288	6.77	12	6	2 1/16	17.80	33.80	65	1.5	7.5	10.4	12.8	15.1	16.5	18.1	19.4
A-146	7.31	13	6¼	2 1/16	19.40	36.80	80	1.8	9.2	13.0	16.0	18.8	20.6	22.6	24.3
A-143	7.86	14	6	2 1/16	20.00	38.00	85	1.9	10.3	14.6	18.0	21.1	23.1	25.3	27.2
A-142	8.42	15	5½	2 1/16	21.20	40.20	80	1.9	10.2	14.4	17.7	20.8	22.8	25.0	26.8 †
A-141	8.42	15	6⅜	2 1/16	22.60	42.80	100	2.2	11.8	16.8	20.5	24.2	26.5	29.0	31.0
A-140	8.97	16	6	2 1/16	23.40	44.40	95	2.3	12.0	17.0	20.7	24.5	26.7	29.2	31.5
A-139	10.08	18	5½	2 1/16	25.20	47.80	110	2.6	12.3	17.4	21.3	25.1	27.5	30.1	32.4
A-283	10.64	19	5½	2 1/16	26.60	50.40	125	2.8	12.9	18.3	22.4	26.4	28.9	31.6	34.0
A-138	10.64	19	6⅜	2 1/16	28.80	54.60	140	3.3	15.0	21.2	26.0	30.6	33.5	36.7	39.5
A-188	11.18	20	5½	2 1/16	28.00	53.20	140	3.1	13.5	19.2	23.5	27.6	30.2	33.2	35.6
A-137	11.75	21	5¼	2 1/16	28.60	54.20	150	3.2	13.5	19.2	23.5	27.6	30.2	33.2	35.5
A-148	12.29	22	6	3 1/16	32.60	61.80	180	3.8	16.2	22.8	28.0	33.0	36.9	39.5	42.5

*Multiply Horse Power by 2.0 for Cast Iron—Cut Teeth.
Multiply Horse Power by 2.5 for Cast Steel—Cast Teeth.
Multiply Horse Power by 5.0 for Cast Steel—Cut Teeth.
†R. P. M. Limit for Cast Teeth. ‡R. P. M. Limit for Cut Teeth.
NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.
One Keyseat with Set Screw (when required) included in List Price.
††Add 10% for approximate weight of Cast Steel Gears.

Jeffrey Spur Gears

List Prices for Cast Iron and Steel, Cast Teeth

1¾″ Pitch (Continued)

Pattern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price Cast Iron	List Price Cast Steel	†† Approx. Weight Lbs.	Horse Power—Cast Iron—Cast Teeth* Revolutions per Minute 10	50	100	150	200	250	300	350
A-190	13.40	24	6	3 7/16	$35.80	$68.00	200	4.3	17.3	24.5	30.0	35.3	38.6	42.4	45.6
A-136	13.96	25	6	3 7/16	37.40	71.00	210	4.5	17.9	25.2	31.0	36.5	40.0	43.7	47.0
A-135	14.52	26	5½	3 7/16	37.20	70.60	180	4.4	16.9	24.0	29.4	34.5	37.8	41.5	44.5
A-134	16.19	29	5	3 13/16	40.00	76.00	190	4.5	16.7	23.6	29.0	34.1	37.4	41.0	44.0 ‡
A-133	18.41	33	5½	3 13/16	48.40	92.00	225	5.8	21.1	30.0	36.6	43.0	47.2	51.8	
A-295	20.08	36	4	3 13/16	45.40	86.20	185	4.7	15.7	22.3	27.2	32.0	35.0		
A-132	20.08	36	5	3 13/16	50.60	96.00	220	5.9	19.6	27.7	34.0	40.0	43.7		
A-131	22.30	40	6	4 7/16	62.80	119.00	265	8.1	25.2	35.7	43.8	51.6	56.5		
A-130	23.42	42	5	4 7/16	60.00	114.00	240	7.2	21.6	30.7	37.6	44.2			
A-129	25.64	46	5½	4 7/16	70.00	133.00	300	8.7	25.5	36.0	44.0	52.0			
A-266	26.76	48	5½	4 7/16	73.60	140.00	330	9.1	26.2	37.1	45.6	53.7			
A-128	27.87	50	5½	4 7/16	77.00	146.00	360	9.5	26.7	37.8	46.5	54.5			
A-127	31.76	57	5	4 13/16	85.60	162.00	375	10.0	26.4	37.5	45.7				
A-126	32.88	59	5½	4 13/16	93.80	178.00	400	11.5	29.5	41.8	51.2				
A-125	36.23	65	5	4 13/16	100.00	190.00	420	11.6	28.5	40.4	49.5				
A-124	36.23	65	5½	4 13/16	105.00	199.00	440	12.8	31.4	44.5	54.5				
A-123	36.78	66	5½	4 13/16	107.00	203.00	460	12.9	31.5	44.5	54.8				
A-122	39.57	71	5½	4 13/16	118.00	224.00	510	14.6	32.7	46.5					
A-121	41.24	74	6	5 7/16	131.00	249.00	600	16.4	36.9	52.0					
A-147	48.47	87	5½	5 7/16	161.00	306.00	700	16.4	37.0	52.2					
A-187	50.14	90	5	5 7/16	164.00	311.00	640	15.2	34.0	48.2					
A-120	53.49	96	5	5 13/16	181.00	344.00	700	15.8	35.5	50.0					
A-256	60.18	108	5	5 13/16	212.00	403.00	850	17.0	38.0						
20806	64.62	116	5½	5 13/16	241.00	458.00	1000	19.4	43.5						
A-119	67.96	122	5¾	6 7/16	251.00	477.00	1100	19.0	43.0						

†

2″ Pitch

A-274	7.73	12	4¾	2 11/16	$20.60	$37.00	75	1.6	7.1	10.0	12.4	14.6	16.0	17.5	18.8
A-158	7.73	12	5½	2 11/16	21.60	38.80	80	1.8	8.2	12.6	14.3	16.9	18.5	20.3	21.8 †
A-159	8.36	13	6⅜	2 11/16	24.80	44.60	100	2.4	11.5	16.2	19.9	23.5	25.7	28.1	30.4
A-157	8.99	14	4	2 11/16	23.00	41.40	80	1.7	8.4	11.8	14.6	17.2	18.8	20.6	22.3
A-161	8.99	14	6½	2 11/16	27.00	48.60	110	2.7	13.7	19.2	23.7	28.0	30.5	33.5	36.0
20808	9.62	15	5	2 11/16	26.40	47.40	110	2.3	11.4	16.0	19.7	23.2	25.4	27.8	30.0
A-156	9.62	15	6½	2 11/16	29.00	52.20	135	3.0	14.7	20.7	25.5	30.1	33.0	36.1	39.0
A-155	10.25	16	6½	3 7/16	31.40	56.40	145	3.3	15.8	22.2	27.3	32.2	35.2	38.7	41.6
A-216	11.51	18	6½	3 7/16	35.60	64.00	175	3.9	17.8	25.0	30.8	36.3	39.7	43.6	47.0
A-154	12.15	19	6½	3 7/16	38.00	68.40	205	4.4	18.6	26.2	32.3	38.0	41.6	45.7	49.2
A-290	12.79	20	6¾	3 13/16	41.20	74.00	230	4.9	20.2	28.5	35.0	41.2	45.2	49.5	53.5
A-189	13.41	21	6⅜	3 13/16	42.20	76.00	230	5.0	20.0	28.2	34.7	41.0	44.7	49.0	53.0
A-231	14.69	23	6½	3 13/16	47.40	85.20	250	5.7	22.0	31.1	38.3	45.1	49.3	54.2	58.5
A-197	15.30	24	6	3 13/16	47.40	85.20	240	5.6	21.0	29.7	36.5	43.0	47.0	50.8	55.8
A-227	15.95	25	6	3 13/16	49.60	89.20	250	5.9	21.7	30.6	37.6	44.5	48.6	53.2	57.5
A-153	16.59	26	6½	3 13/16	54.40	98.00	280	6.7	24.3	34.3	42.2	49.7	54.5	59.8	64.3
A-152	21.67	34	6½	4 7/16	74.00	133.00	340	9.3	29.9	42.1	51.9	61.0			‡
A-226	23.58	37	6	4 7/16	78.20	140.00	360	9.5	29.3	41.3	50.8	60.0			
A-245	29.30	46	6	4 13/16	99.80	179.00	420	12.4	33.8	47.6	58.7				
A-275	31.85	50	4	5 7/16	92.00	165.00	400	8.4	23.7	33.5	41.2				
29524	31.85	50	6	5 7/16	110.00	198.00	480	12.6	36.0	50.2	61.8				
A-151	33.76	53	6	5 7/16	118.00	212.00	520	14.4	36.8	52.0	63.9				
20627	36.94	58	6	5 7/16	131.00	236.00	540	16.1	39.1	55.0	68.0				
A-278	37.57	59	6	5 7/16	134.00	241.00	580	16.4	39.3	55.2	68.1				
A-248	41.39	65	6	5 13/16	149.00	268.00	640	18.6	41.7	58.9					
A-232	45.21	71	6	5 13/16	165.00	297.00	710	19.5	43.6	61.5					
A-150	48.41	76	6	5 13/16	183.00	329.00	740	20.3	45.6	64.2					
A-225	51.58	81	6	6 7/16	202.00	363.00	860	21.2	47.2	66.5					
A-196	52.85	83	6	6 7/16	210.00	378.00	900	21.4	48.0	67.5					
A-297	57.30	90	6	6 7/16	235.00	423.00	950	22.3	50.1	70.8					
A-149	60.49	95	6	6 7/16	253.00	455.00	1020	23.0	51.5						
A-215	64.30	101	6	6 13/16	273.00	491.00	1150	24.0	53.8						
A-160	71.94	113	6	6 13/16	309.00	556.00	1325	25.6	57.3						

*Multiply Horse Power by 2.0 for Cast Iron—Cut Teeth.
Multiply Horse Power by 2.5 for Cast Steel—Cast Teeth.
Multiply Horse Power by 5.0 for Cast Steel—Cut Teeth.
†R. P. M. Limit for Cast Teeth. ‡R. P. M. Limit for Cut Teeth.
NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.
One Keyseat with Set Screw (when required) included in List Price.
††And 10% for approximate weight of Cast Steel Gears.

Jeffrey Spur Gears

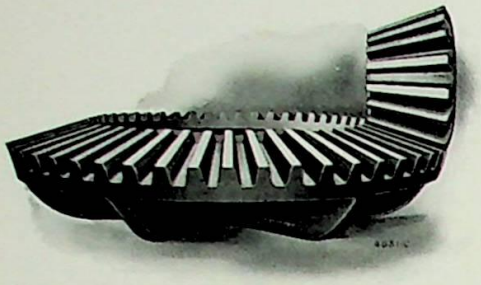
List Prices for Cast Iron and Steel, Cast Teeth

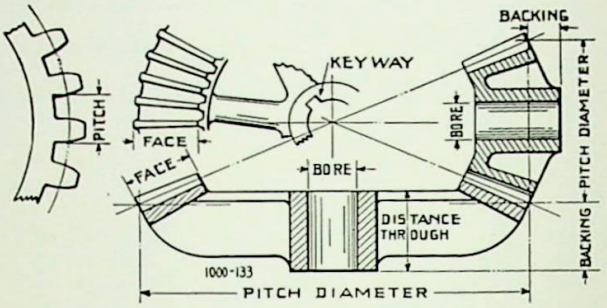
Pattern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price Cast Iron	List Price Cast Steel	†† Approx. Weight Lbs.	Horse Power—Cast Iron—Cast Teeth* Revolutions per Minute 10	50	100	150	200	250	300	350
2¼″ Pitch															†
A-260	10.11	14	7½	3 7/16	$37.20	$65.00	200	3.9	18.8	26.5	32.5	38.5	42.0	46.0	50.0
A-286	15.81	22	7½	3 15/16	63.00	110.00	350	8.0	29.3	41.5	50.8	60.0	65.8	72.0	78.0 ‡
20807	38.70	54	7	5 15/16	160.00	280.00	700	23.2	52.0	73.5					
A-269	47.29	66	5½	5 15/16	174.00	304.00	725	20.5	46.0	65.0					
A-267	48.00	67	7	6 7/16	202.00	353.00	1100	26.4	59.0	83.5					
A-261	78.07	109	7	6 15/16	386.00	675.00	1950	35.0	78.5						
2½″ Pitch															†
A-292	9.65	12	6¼	3 15/16	$34.40	$60.20	225	3.4	13.6	19.3	23.6	28.0	30.5	33.5	36.0
A-165	11.23	14	7½	3 15/16	43.60	76.20	250	4.8	22.0	31.2	38.0	45.0	49.3	54.0	58.2
A-289	11.23	14	8	3 15/16	45.00	78.60	265	5.5	23.5	33.3	40.6	48.2	52.7	57.7	62.1
A-163	12.02	15	6¾	3 15/16	44.60	78.00	245	4.9	21.4	30.3	37.0	44.0	48.0	52.5	56.6
A-285	12.00	15	7¾	3 15/16	47.80	83.60	265	5.6	24.5	34.7	42.5	50.3	55.0	60.0	65.0
A-291	12.00	15	8	3 15/16	48.60	85.00	270	5.8	25.3	35.8	43.9	52.0	56.8	62.0	67.0
A-277	14.30	18	8	4 7/16	59.80	104.00	350	7.5	30.6	43.3	53.0	62.6	68.5	75.0	81.0 ‡
A-167	16.77	21	6½	4 7/16	61.80	108.00	350	8.0	28.6	40.5	49.5	58.6	64.0	70.0	
A-243	19.15	24	7½	4 15/16	78.00	136.00	425	10.9	37.0	52.0	63.8	75.5	82.5		
A-164	42.99	54	7	6 7/16	193.00	337.00	1000	27.1	61.0	86.0					
A-166	46.17	58	6	6 15/16	196.00	343.00	975	24.4	54.6	77.0					
A-242	60.50	76	7½	7½	315.00	551.00	1600	35.5	80.0						
A-276	71.63	90	7½	8	398.00	696.00	1850	39.0	87.5						
2¾″ Pitch															†
A-244	8.89	10	8	3 7/16	$42.00	$73.40	175	3.8	18.2	26.7	31.6	37.2	41.0	44.7	48.0
A-179	10.62	12	8½	3 15/16	51.20	89.60	200	5.4	20.5	29.0	35.7	42.0	46.4	50.5	54.4
A-282	11.48	13	8½	3 15/16	55.40	97.00	300	5.7	24.6	34.8	43.0	50.5	55.5	60.5	65.1
A-171	12.35	14	8½	3 15/16	59.60	104.00	320	6.6	28.7	40.6	50.0	59.0	65.0	71.0	76.1
A-247	13.22	15	8	3 15/16	62.00	108.00	330	6.9	29.2	41.3	51.8	60.0	66.0	72.0	77.4
A-207	15.84	18	8	4 7/16	75.00	131.00	360	9.2	35.2	50.0	61.2	72.0	79.5	86.5	93.3 ‡
A-169	19.32	22	8	4 15/16	95.00	166.00	450	12.6	42.2	60.0	73.5	86.5	95.5		
A-183	28.03	32	8½	5 15/16	150.00	262.00	975	20.4	60.2	85.5	105.0	124.0			
A-206	38.54	44	8	5 7/16	206.00	360.00	1050	31.5	70.5	100.0					
A-180	48.17	55	8	7½	263.00	460.00	1250	36.0	80.5	114.0					
A-168	57.79	66	8	8	328.00	574.00	1500	40.3	90.0						
A-281	66.50	76	8	8	394.00	689.00	1900	43.7	97.5						
A-170	74.42	85	8	8½	476.00	833.00	2100	46.5	104.0						
3″ Pitch															†
20561	9.71	10	9	3 15/16	$55.00	$ 96.20	325	5.5	23.3	33.0	40.5	48.0	52.0	57.0	61.8
A-174	14.43	15	9½	4 7/16	83.40	146.00	500	9.8	39.5	56.0	68.5	81.1	88.5	97.0	104.0 ‡
A-198	22.98	24	9½	5 15/16	139.00	243.00	850	19.9	61.1	87.0	106.0	126.0			
A-212	26.79	28	9	6 7/16	163.00	285.00	1000	23.1	65.3	92.8	114.0	134.0			
A-211	40.14	42	9	7½	280.00	490.00	1400	39.0	87.0	124.0					
A-173	84.05	88	9	9½	706.00	1235.00	3200	61.0	136.0						
20560	95.51	100	9	10	826.00	1445.00	4000	65.3	146.0						
4″ Pitch															†
A-221	16.71	13	12¾	5 7/16	On Application	On Application	875	19.0	65.0	92.0	112.0	133.0	145.0	159.0	
A-233	19.23	15	12½	5 15/16			950	22.9	80.0	113.0	138.0	164.0	179.0		‡
A-220	24.30	19	12	6 15/16			1000	24.0	97.5	137.0	168.0	200.0			
A-209	30.64	24	12	7½			1350	44.7	120.0	169.0	207.0				
A-208	71.34	56	12	11			4000	96.0	215.0						
A-219	84.06	66	12	12			5100	106.0	237.0						
A-252	108.25	85	12	13			6800	123.0	275.0						

*Multiply Horse Power by 2.0 for Cast Iron—Cut Teeth.
Multiply Horse Power by 2.5 for Cast Steel—Cast Teeth.
Multiply Horse Power by 5.0 for Cast Steel—Cut Teeth.
†R. P. M. Limit for Cast Teeth. ‡R. P. M. Limit for Cut Teeth.
NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.
One Keyseat with Set Screw (when required) included in List Price.
††Add 10% for approximate weight of Cast Steel Gears.

Jeffrey Bevel Gears

List Prices for Cast Iron and Steel, Cast Teeth





Bevel Gears run in pairs only as listed

List Prices

Pattern No.	Pitch Diam. In.	Teeth	Face	Proportion	Max. Bore Regular Price	List Price Cast Iron	List Price Cast Steel	Max. Diam. Hub In.	†† Approx. Weight Lbs. Cast Iron	Horse Power for Pinions Only Cast Iron—Cast Teeth* Revolutions per Minute 10	50	100	150	200	250	300	350
½″ Pitch																	
6138	5.10	32	⅜	2.00	1⅛	$ 6.40	$12.80	3	4	.023	.115	.23	.35	.40	.47	.53	.57
6139	2.56	16	⅜		⅝	3.50	7.00	1¼	1½								
¾″ Pitch																	
B-111	12.18	51	2¼	3.00	1 11/16	$17.80	$33.80	7⅝	28	.14	.70	1.4	1.8	2.2	2.5	2.6	3.0
B-112	4.08	17	2¼		11/16	6.40	12.00	1⅞	8								
B-109	14.09	59	2	3.93	1 11/16	20.20	38.40	9⅞	30	.11	.55	1.1	1.4	1.6	1.9	2.0	2.3
B-110	3.61	15	2		⅞	5.70	10.80	1¾	6								
B-1	16.00	67	1¾	3.94	1 11/16	22.80	43.20	12	37	.12	.60	1.2	1.5	1.8	2.1	2.2	2.5
B-2	4.08	17	1¾		1 7/16	6.20	11.80	2⅜	6								
1″ Pitch																	
B-21	7.66	24	2	2.00	1 11/16	$11.30	$21.40	3⅜	23	.12	.63	1.2	1.6	1.9	2.2	2.3	2.6
B-22	3.86	12	2		¾	6.80	12.80	1⅜	6								
B-19	7.66	24	2	1.85	1 11/16	11.30	21.40	3⅜	23	.15	.75	1.5	1.9	2.2	2.6	2.7	3.1
B-20	4.18	13	2		¾	7.20	13.60	1⅝	8								
B-23	9.88	31	2	2.06	1 13/16	14.60	27.60	5½	30	.19	.95	1.7	2.1	2.6	3.2	3.3	3.6
B-24	4.81	15	2		13/16	8.00	15.20	2⅛	9								
B-145	9.88	31	2	1.63	1 13/16	14.60	27.60	5⅝	30	.28	1.4	2.4	2.9	3.4	4.0	4.2	4.7
B-146	6.07	19	2		1 7/16	9.40	17.80	2⅞	16								
B-17	11.79	37	2½	3.08	1 13/16	18.20	34.60	6¾	32	.16	.80	1.6	2.1	2.5	2.9	3.0	3.4
B-18	3.86	12	2½		¾	7.00	13.20	1⅝	7								
20659	12.75	40	2½	1.73	1 13/16	20.00	38.00	7⅝	34	.46	2.3	3.4	4.1	5.3	5.7	6.2	6.3
20660	7.34	23	2½		1 13/16	11.40	21.60	3¾	24								
B-15	16.24	51	2	2.13	2 7/16	25.40	48.20	11¾	40	.42	2.1	3.1	3.7	4.8	5.2	5.6	6.2
B-16	7.66	24	2		1 11/16	11.30	21.40	4½	23								
B-13	17.83	56	2½	2.95	2 7/16	29.00	55.00	12½	60	.36	1.8	3.1	3.9	4.2	5.3	5.9	.....
B-14	6.08	19	2½		1 7/16	9.80	18.60	3¼	17								
B-11	20.38	64	2	4.00	2 7/16	31.80	60.40	16	62	.23	1.1	2.1	2.6	3.2	3.6	.....	.....
B-12	5.13	16	2		1 7/16	8.30	15.60	3	11								
432	24.20	76	2½	4.00	2 13/16	40.00	76.00	19	86	.37	1.8	3.1	3.9	4.6	.....	.....	.....
433	6.08	19	2½		1 7/16	9.80	18.60	3½	17								
B-117	27.06	85	2½	6.54	2 11/16	45.40	86.20	21¾	105	.21	1.0	2.1	2.7	3.2	.....	.....	.....
B-118	4.18	13	2½		13/16	7.40	14.00	2¼	9								
15865	28.97	91	2½	6.06	2 13/16	50.00	95.00	23¾	120	.30	1.5	2.7	3.3	.....	.....	.....	.....
64834	4.81	15	2¾		1 7/16	8.40	16.00	2¾	11								

*Multiply listed Horse Power of Pinions by 2.0 for Cast Iron—Cut Teeth; by 2.5 for Cast Steel—Cast Teeth; or by 5.0 for Cast Steel—Cut Teeth.

Speed Limit of the Larger Gear of a pair, in Cast Teeth (†); in Cut Teeth (‡). NOTE: Always use the Horsepower Rating of the smaller gear of a pair.

††Add 10% for approximate Weight of Cast Steel Gears.

Jeffrey Bevel Gears

List Prices for Cast Iron and Steel, Cast Teeth

Bevel Gears run in pairs only as listed
List Prices

Pattern No.	Pitch Diam. In.	Teeth	Face	Proportion	Max. Bore Regular	List Prices		Max. Diam. Hub In.	†† Approx. Weight Lbs. Cast Iron	Horse Power for Pinions Only Cast Iron—Cast Teeth* Revolutions per Minute							
					Price	Cast Iron	Cast Steel			10	50	100	150	200	250	300	350
1¼″ Pitch																	
B-133	9.58	24	3	1.50	1 3/16	$16.20	$30.80	3½	48	.46	2.3	3.7	4.9	5.6	6.4	7.0	7.3 †
B-134	6.41	16	3		1 1/16	11.40	21.60	2¼	24								
B-137	11.96	30	3	2.00	2 3/16	20.80	39.40	5¾	56	.42	2.1	3.6	4.4	5.2	6.0	6.7	7.0
B-138	6.01	15	3		1 1/16	10.80	20.40	2¼	20								
B-101	11.96	30	3	1.50	2 3/16	20.80	39.40	5⅞	56	.69	3.4	5.2	6.2	7.9	8.6	9.3	10.2
B-102	7.99	20	3		1 1/16	13.60	25.80	3⅝	32								
B-99	15.53	39	3	3.00	2 7/16	27.80	52.80	8½	68	.36	1.8	3.0	4.0	4.8	5.3	5.9	6.2
B-100	5.22	13	3		1 7/16	9.70	18.40	2¼	14								
B-129	16.33	41	3	1.40	2 7/16	29.20	55.40	10⅜	80	1.2	5.3	7.4	9.8	11.2	12.4	14.0	15.1 ‡
B-130	11.96	30	3		2 3/16	20.80	39.40	7	56								
B-43	16.72	42	3	3.82	2 13/16	29.80	56.60	9½	84	.29	1.4	2.9	3.7	4.4	5.1	5.3	.....
B-44	4.44	11	3		1 7/16	8.80	16.60	1¾	12								
B-135	17.92	45	3	3.00	2 11/16	32.20	61.20	11½	90	.44	2.2	3.7	4.6	5.5	6.3	6.9	.....
B-136	6.01	15	3		1 1/16	10.80	20.40	3	20								
B-41	17.92	45	3	1.96	2 11/16	32.20	61.20	5	90	.88	3.8	6.2	7.9	9.2	11.0	13.3	.....
B-42	9.17	23	3		1 13/16	15.60	29.60	5	42								
540	18.32	46	3	2.00	2 11/16	32.80	62.20	11⅞	92	.88	3.8	6.2	7.9	9.2	11.0	13.3	.....
539	9.18	23	3		1 13/16	15.60	29.60	5	42								
B-39	19.91	50	3¼	1.25	2 13/16	37.20	70.60	13½	100	2.0	7.4	10.8	13.2	14.8	17.2	.....	.....
B-40	15.93	40	3¼		2 7/16	29.20	55.40	10¼	75								
B-37	19.91	50	3	2.77	2 11/16	36.40	69.00	13½	98	.61	3.0	4.6	6.2	7.1	8.0	.....	.....
B-38	7.20	18	3		1 13/16	12.60	23.80	3⅝	28								
B-107	23.88	60	3½	3.30	2 13/16	46.20	87.80	16¾	135	.71	3.5	7.2	8.2	.....	.....	.....	.....
B-108	7.20	18	3½		1 11/16	13.00	24.60	3¾	30								
B-35	24.28	61	3	4.06	2 13/16	45.00	85.40	17⅞	130	.48	2.4	4.0	5.0	5.9	.....	.....	.....
B-36	6.01	15	3		1 1/16	10.80	20.40	3⅜	20								
B-33	27.07	68	3	2.95	3 7/16	51.00	96.80	20⅞	160	.86	4.3	6.0	7.7	9.0	.....	.....	.....
B-34	9.17	23	3		1 13/16	15.60	29.60	5⅞	42								
B-105	27.46	69	3	2.10	3 7/16	51.80	98.40	21	165	1.4	7.0	8.7	10.8	12.2	.....	.....	.....
B-106	13.15	33	3		2 3/16	23.20	44.00	8⅝	60								
B-31	30.26	76	3	5.06	3 7/16	58.20	110.00	23½	175	.48	2.4	4.0	5.0	.....	.....	.....	.....
B-32	6.01	15	3		1 1/16	10.80	20.40	3½	20								
B-29	32.23	81	3½	4.05	3 7/16	65.60	124.00	25	185	.84	4.2	6.3	7.8	.....	.....	.....	.....
B-30	7.99	20	3½		1 13/16	14.20	27.00	4¾	36								
B-27	33.43	84	3½	3.36	3 7/16	68.60	130.00	26¾	195	1.1	5.3	8.0	9.9	.....	.....	.....	.....
B-28	9.97	25	3½		1 13/16	17.80	33.80	9¼	52								
B-25	36.21	91	3¾	6.06	3 7/16	75.00	142.00	29½	210	.52	2.6	4.4	5.5	.....	.....	.....	.....
B-26	6.01	15	3¾		1 1/16	11.00	20.80	3½	22								
8110	42.18	106	3½	7.07	3 13/16	97.80	186.00	35	250	.60	3.0	5.1	.....	.....	.....	.....	.....
64346	6.01	15	3¾		1 1/16	11.40	21.60	3⅝	30								
1½″ Pitch																	
B-69	17.69	37	4½	1.95	2 13/16	$41.40	$78.60	8½	140	1.3	6.5	11.2	14.8	17.8	19.8	21.8	..... †
B-70	9.11	19	4½		2 3/16	19.60	37.20	3½	60								..... ‡
B-153	17.69	37	4½	1.48	2 13/16	41.40	78.60	9¼	140	1.9	8.3	11.8	16.2	17.6	19.5	22.0	.....
B-154	11.97	25	4½		2 7/16	26.40	50.20	5½	90								
B-65	23.41	49	4½	3.06	3 7/16	55.60	105.00	14¼	170	1.0	5.1	7.7	9.2	11.8	.....	.....	.....
B-66	7.69	16	4½		2 3/16	16.80	31.80	3½	45								
B-103	23.41	49	4½	2.45	3 7/16	55.60	105.00	14¼	170	1.5	7.5	11.0	13.7	16.8	.....	.....	.....
B-104	9.59	20	4½		2 7/16	20.20	38.40	4½	65								
B-63	23.41	49	4½	2.04	3 7/16	55.60	105.00	14½	170	1.9	8.3	11.8	16.2	17.7	.....	.....	.....
B-64	11.49	24	4½		2 7/16	25.20	47.80	6¼	85								
B-61	23.41	49	4½	4.08	3 7/16	55.60	105.00	14¼	170	.68	3.4	5.8	7.4	8.2	.....	.....	.....
B-62	5.80	12	4½		1 13/16	14.00	26.60	2⅜	28								
19346	24.36	51	3	3.00	3 7/16	50.40	95.60	17¾	145	.82	4.1	6.1	7.7	9.0	.....	.....	.....
B-149	8.16	17	3		2 7/16	16.00	30.40	4⅜	45								

*Multiply listed Horse Power of Pinions by 2.0 for Cast Iron—Cut Teeth; by 2.5 for Cast Steel—Cast Teeth; or by 5.0 for Cast Steel—Cut Teeth.

Speed Limit of the Larger Gear of a pair, in Cast Teeth (†); in Cut Teeth (‡). NOTE: Always use the Horsepower rating of the smaller gear of a pair.

††Add 10% for approximate Weight of Cast Steel Gears.

Jeffrey Bevel Gears

List Prices for Cast Iron and Steel, Cast Teeth
Bevel Gears run in pairs only as listed

List Prices

Pattern No.	Pitch Diam. In.	Teeth	Face	Proportion	Max. Bore Regular	List Price Cast Iron	List Price Cast Steel	Max. Diam. Hub In.	†† Approx. Weight Lbs. Cast Iron	Horse Power for Pinions Only Cast Iron—Cast Teeth* Revolutions per Minute 10	50	100	150	200	250	300	350
1½″ Pitch (Continued)																	
B-57	26.27	55	4½	1.60	3 7/16	$63.20	$120.00	17¾	210	3.1	11.7	18.0	21.0	25.0	.....	.....	.....
B-58	16.26	34	4½		2 13/16	37.80	71.80	9⅝	130								
B-67	28.66	60	4½	1.50	3 13/16	69.40	132.00	20	235	3.9	13.6	19.4	23.2	.....	.....	.....	.....
B-68	19.13	40	4½		3 7/16	44.20	84.00	12¼	150								
B-55	29.14	61	4½	4.06	3 13/16	71.00	135.00	19⅞	240	.99	4.9	7.4	9.7	.....	.....	.....	.....
B-56	7.21	15	4½		1 13/16	16.20	30.80	3½	40								
B-53	30.57	64	4½	3.05	3 13/16	75.20	142.00	21⅜	255	1.7	7.9	12.0	14.8	.....	.....	.....	.....
B-54	10.06	21	4½		2 7/16	21.60	41.00	5½	70								
B-121	30.57	64	4½	1.60	3 13/16	75.20	142.00	21¾	255	3.9	13.8	19.8	23.7	.....	.....	.....	.....
B-122	19.13	40	4½		3 7/16	44.20	84.00	12⅜	150								
B-73	32.00	67	4½	5.15	3 13/16	80.20	152.00	22¾	270	.83	4.1	7.0	8.2	.....	.....	.....	.....
B-74	6.27	13	4½		1 13/16	14.80	28.00	3¼	32								
B-59	33.44	70	4	2.50	3 13/16	81.40	154.00	25	265	2.3	9.3	13.9	17.4	.....	.....	.....	.....
B-60	13.41	28	4		2 13/16	28.80	54.60	8½	105								
B-51	35.83	75	4½	2.03	3 13/16	93.60	178.00	26⅝	300	3.5	12.8	19.4	22.2	.....	.....	.....	.....
B-52	17.69	37	4½		2 13/16	41.40	78.60	11¾	140								
B-71	36.31	76	4½	5.90	3 13/16	95.40	181.00	27	320	.84	4.2	7.1	8.3	.....	.....	.....	.....
B-72	6.27	13	4½		1 13/16	14.80	28.00	3¼	32								
B-49	36.31	76	4½	5.06	3 13/16	95.40	181.00	26⅝	320	1.0	5.1	7.8	8.8	.....	.....	.....	.....
B-50	7.21	15	4½		1 13/16	16.20	30.80	4	40								
B-47	48.39	101	4½	6.73	4 7/16	171.00	325.00	29⅞	440	1.0	5.3	7.9	.....	.....	.....	.....	.....
B-48	7.21	15	4½		1 13/16	16.20	30.80	4¼	40								
B-45	48.39	101	4½	4.04	4 7/16	171.00	325.00	39⅛	440	2.2	9.7	13.6	.....	.....	.....	.....	.....
B-46	11.97	25	4½		2 7/16	26.40	50.20	7¾	90								
												†	‡				
1¾″ Pitch																	†
B-85	10.63	19	3½	1.73	2 11/16	$23.60	$44.80	3⅝	75	.58	2.9	4.9	6.1	7.2	8.3	9.1	9.7 ‡
B-86	6.21	11	3½		1 13/16	16.40	31.00	1⅝	40								
B-83	17.86	32	5	1.20	3 7/16	47.40	90.00	8¾	170	3.2	11.8	18.8	22.1	26.2	28.7	29.5	.....
B-84	15.07	27	5		3 7/16	39.00	74.00	7⅛	135								
B-87	18.41	33	5	2.06	3 7/16	49.00	93.00	8¼	175	1.4	6.7	10.6	13.1	16.1	17.3	18.6	.....
B-88	8.97	16	5		2 7/16	22.60	42.80	3½	65								
12231	24.53	44	5	2.93	3 13/16	67.20	127.00	14¾	230	1.4	6.7	10.0	12.8	14.8	.....	.....	.....
12232	8.41	15	5		2 7/16	21.60	41.00	3¾	60								
B-131	26.20	47	5	1.60	3 13/16	72.00	137.00	16¼	260	3.9	14.5	21.3	26.2	29.0	.....	.....	.....
B-132	16.19	29	5		3 7/16	43.20	82.00	8¾	150								
B-113	32.88	59	4	3.93	4 7/16	84.80	161.00	24¼	320	1.3	5.9	8.7	11.1	.....	.....	.....	.....
B-114	8.42	15	4		2 7/16	20.20	38.40	4⅝	55								
B-81	36.22	65	5	2.95	4 7/16	108.00	205.00	25¾	415	2.8	11.9	17.5	22.0	.....	.....	.....	.....
B-82	12.30	22	5		2 13/16	31.00	58.80	7	110								
27774	37.89	68	5	2.83	4 7/16	116.00	220.00	27½	430	3.1	13.0	19.1	24.0	.....	.....	.....	.....
27773	13.41	24	5		2 13/16	34.20	65.00	7½	120								
B-79	42.36	76	5	5.06	4 13/16	139.00	264.00	32⅛	460	1.5	7.4	10.9	.....	.....	.....	.....	.....
B-80	8.42	15	5		2 7/16	21.60	41.00	4⅝	60								
20562	51.26	92	5	5.75	4 13/16	188.00	357.00	40⅞	530	1.7	8.0	13.6	.....	.....	.....	.....	.....
20563	8.97	16	5		2 7/16	22.60	42.80	5½	65								
B-77	53.49	96	5	6.40	4 13/16	208.00	395.00	42¾	575	1.6	7.7	11.2	.....	.....	.....	.....	.....
B-78	8.42	15	5		2 7/16	21.60	41.00	4¾	60								
B-75	53.49	96	5	2.90	4 13/16	208.00	395.00	43	575	4.9	15.2	25.5	.....	.....	.....	.....	.....
B-76	18.41	33	5		3 7/16	49.00	93.00	12¼	175								

*Multiply listed Horse Power of Pinions by 2.0 for Cast Iron—Cut Teeth; by 2.5 for Cast Steel—Cast Teeth; or by 5.0 for Cast Steel—Cut Teeth.

Speed Limit of the Larger Gear of a pair, in Cast Teeth (†); in Cut Teeth (‡). NOTE: Always use the Horsepower rating of smaller gear of a pair.

††Add 10% for approximate Weight of Cast Steel Gears.

Jeffrey Bevel Gears

List Prices for Cast Iron and Steel, Cast Teeth

Bevel Gears run in pairs only as listed

List Prices

Pattern No.	Pitch Diam. In.	Teeth	Face	Proportion	Max. Bore Regular Price	List Price Cast Iron	List Price Cast Steel	Max. Diam. Hub In.	‡‡ Approx. Weight Lbs. Cast Iron	Horse Power for Pinions Only Cast Iron—Cast Teeth* Revolutions per Minute 10	50	100	150	200	250	300	350
2″ Pitch																	
B-151	17.86	28	5	2.00	3 13/16	$50.80	$91.40	8	180	1.5	5.6	11.3	14.1	17.2	18.5	19.9	..... †
B-152	8.98	14	5		2 13/16	24.20	43.40	3½	65								
B-155	25.46	40	5	2.50	4 7/16	76.00	137.00	15	260	2.2	10.5	15.4	.....	.....	.....	.....	.....
B-156	10.25	16	5		2 13/16	28.00	50.40	4⅝	85								
B-127	31.22	49	5½	2.04	4 7/16	99.40	179.00	20	375	4.3	15.9	24.4	28.7	33.5	.....	.....	..... ‡
B-128	15.32	24	5½		3 7/16	45.00	81.00	8¼	190								
B-93	42.04	66	5½	3.47	4 13/16	145.00	261.00	30⅜	550	3.2	13.7	20.3	.....	.....	.....	.....	.....
B-94	12.15	19	5½		2 13/16	35.00	63.00	6⅞	145								
20812	44.58	70	5	4.35	4 13/16	151.00	272.00	34⅛	585	2.2	10.5	15.4	.....	.....	.....	.....	.....
20813	10.25	16	5		2 13/16	28.00	50.40	6	85								
B-143	46.47	73	6	5.21	5 7/16	179.00	322.00	34⅛	600	2.3	10.6	16.5	.....	.....	.....	.....	.....
B-144	8.91	14	6½		2 13/16	27.00	48.60	4⅞	100								
B-91	47.77	75	6	3.95	5 7/16	187.00	336.00	34¾	660	3.5	15.0	23.7	.....	.....	.....	.....	.....
B-92	12.15	19	6		2 13/16	36.80	66.20	7	155								
B-115	53.49	84	5½	6.46	5 7/16	217.00	390.00	42	775	1.8	9.2	13.3	.....	.....	.....	.....	.....
B-116	8.36	13	5½		2 7/16	23.00	41.40	4½	70								
B-89	60.50	95	6	5.93	5 13/16	289.00	520.00	48	1050	2.7	9.2	.....	.....	.....	.....	.....	.....
B-90	10.25	16	6		2 13/16	30.40	54.60	6⅛	115								
2¼″ Pitch																	
B-97	21.52	30	7	1.43	4 7/16	$82.00	$143.00	8¾	310	5.5	20.7	31.7	38.5	44.1	48.5	.....	..... †
B-98	15.10	21	7		3 13/16	56.80	99.40	5½	275								..... ‡
B-119	36.55	51	6	1.46	5 7/16	132.00	231.00	24¾	575	10.3	32.1	46.5	54.4	.....	.....	.....	.....
B-120	25.10	35	6		4 13/16	89.00	155.00	15¾	370								
B-95	75.20	105	7	5.00	6 13/16	456.00	798.00	57⅜	1800	6.7	24.0	.....	.....	.....	.....	.....	.....
B-96	15.10	21	7		3 13/16	56.80	99.40	9¼	275								
3″ Pitch																	
B-147	42.05	44	5½	2.00	6 7/16	$250.00	$437.00	30¼		9.0	30.5	42.8	.....	.....	.....	.....	..... †
B-148	21.08	22	5¼		4 13/16	96.80	169.00	12¾									..... ‡
B-123	80.23	84	9	5.60	8½	720.00	1260.00	61¼		8.3	31.0	.....	.....	.....	.....	.....	.....
B-124	14.43	15	9		3 13/16	84.80	148.00	8⅝									
4″ Pitch																	
B-141	84.06	66	12	4.40	10			58¾		19.0	61.8	.....	.....	.....	.....	.....	..... †
B-142	19.23	15	12		5 7/16			10									

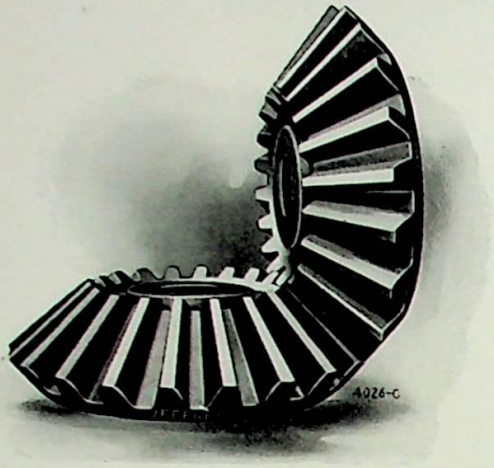
*Multiply listed Horse Power of Pinions by 2.0 for Cast Iron—Cut Teeth; by 2.5 for Cast Steel—Cast Teeth; or by 5.0 for Cast Steel—Cut Teeth.

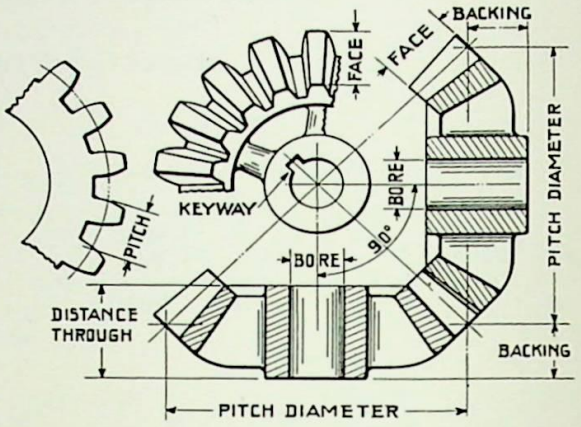
Speed Limit of the Larger Gear of a pair, in Cast Teeth (†); in Cut Teeth (‡). NOTE: Always use the Horsepower rating of the smaller gear of a pair.

‡‡Add 10% for approximate Weight of Cast Steel Gears.

Jeffrey Miter Gears

List Prices for Cast Iron and Steel, Cast Teeth





Pattern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price		Max. Diam. Hub In.	†† Approx. Weight Lbs. Cast Iron	Horse Power—Cast Iron—Cast Teeth* Revolutions per Minute							
					Cast Iron	Cast Steel			10	50	100	150	200	250	300	350
¾″ Pitch																
C-4	3.13	13	1½	11/16	$ 5.10	$ 9.60	11/16	3	.05	.25	.52	.81	.96	1.06	1.16	1.25
C-3	4.08	17	1¾	1 3/16	6.00	11.40	2	5	.08	.40	.79	.98	1.16	1.27	1.38	1.50 †
C-2	10.03	42	1½	1 11/16	13.70	26.00	7	17	.33	1.38	1.95	2.40	2.82	3.10	3.40	4.30
C-1	10.75	45	1¾	1 11/16	15.00	28.40	7⅜	20	.41	1.70	2.40	2.95	3.50	3.80	4.20	4.50
1″ Pitch																
8906	4.49	14	2	1 3/16	$ 7.50	$14.20	1 5/16	6	.12	.60	1.04	1.27	1.50	1.64	1.80	1.94
C-37	5.76	18	1¾	1 3/16	7.80	14.80	2⅝	8	.20	1.00	2.07	2.85	3.00	3.28	3.59	3.86
C-6	6.08	19	2	1 3/16	9.40	17.80	2⅝	11	.25	1.27	2.48	3.40	3.60	3.94	4.30	4.64
C-35	6.08	19	2¼	1 3/16	9.60	18.20	2¼	16	.28	1.43	2.78	3.84	4.04	4.43	4.84	5.20
C-5	6.39	20	2	1 3/16	9.80	18.60	2¾	17	.27	1.38	2.60	3.57	3.76	4.13	4.50	4.85
C-28	7.03	22	2	1 11/16	10.50	19.80	3	18	.33	1.68	2.85	3.90	4.10	4.50	4.93	5.30
1¼″ Pitch																
4870	6.41	16	2½	1 3/16	$11.00	$20.80	2⅛	17	.39	1.98	4.06	4.98	5.89	6.42	7.02	7.60
C-10	7.99	20	2¼	1 13/16	12.70	24.00	4¼	22	.51	3.17	4.50	5.52	6.52	7.11	7.79	8.40
C-9	9.97	25	2½	1 13/16	16.20	30.80	5⅝	40	.78	4.27	6.04	7.40	8.74	9.57	10.20	11.30
C-32	11.16	28	3½	2 3/16	20.20	38.40	5⅛	55	1.25	6.50	9.25	11.30	13.40	14.60	16.00	17.30
C-8	11.96	30	3	2 3/16	20.80	39.40	7	60	1.18	5.90	8.40	10.30	12.10	13.30	14.50	15.70
C-7	13.95	35	3	2 1/16	24.70	46.80	8⅜	65	1.40	6.60	9.35	11.40	13.50	14.80	16.20	17.50
64468	15.93	40	3½	2 1/16	29.80	56.60	10½	75	1.90	7.20	11.40	14.30	15.30	16.80	17.20	20.00

*Multiply listed Horse Power of Pinions by 2.0 for Cast Iron—Cut Teeth; by 2.5 for Cast Steel—Cast Teeth, or by 5.0 for Cast Steel—Cut Teeth.

Speed Limit, in Cast Teeth (†); in Cut Teeth (‡).

NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.

††Add 10% for approximate weight of Cast Steel Gears.

Jeffrey Miter Gears

List Prices for Cast Iron and Steel, Cast Teeth

Pattern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price		Max. Diam. Hub In.	†† Approx. Weight Lbs. Cast Iron	Horse Power—Cast Iron—Cast Teeth* Revolutions per Minute							
					Cast Iron	Cast Steel			10	50	100	150	200	250	300	350
1½″ Pitch																
5607	7.21	15	3	1 13/16	$14.60	$27.80	2½	25	.52	1.04	4.54	5.55	6.55	7.18	7.85	8.45
4814	9.59	20	3	2 1/16	17.60	33.40	4¼	40	.82	4.23	6.00	7.32	8.68	9.50	10.40	11.20 †
C-19	10.54	22	3½	2 1/16	21.00	39.80	4¾	50	1.10	5.40	7.68	9.40	11.10	12.10	13.30	14.30
C-18	11.97	25	3½	2 1/16	24.00	45.60	5⅝	65	1.30	6.00	8.50	10.40	12.30	13.40	14.60	15.80
C-17	13.87	29	3	2 1/16	27.20	51.60	8⅜	75	1.46	6.05	8.55	10.40	12.30	13.50	14.80	15.90
C-36	15.30	32	4	2 1/16	33.60	63.80	7¾	100	2.00	8.70	12.30	15.00	17.80	19.50	21.40	23.00
C-16	15.79	33	3	2 1/16	31.60	60.00	10	90	1.58	6.76	9.40	11.50	13.60	15.00	16.40	17.60 ‡
C-15	17.69	37	3½	2 1/16	37.80	71.80	11¾	120	2.65	8.40	11.90	14.50	17.10	18.80	20.60	.....
C-25	17.69	37	4½	2 1/16	41.40	78.60	10	140	3.33	7.45	10.50	12.90	15.20	16.70	18.30	.....
C-14	20.06	42	4	3 1/16	44.60	84.60	12⅞	155	3.54	10.40	14.70	18.00	21.20	23.40	.....	.....
C-13	23.89	50	4	3 1/16	54.20	103.00	16⅜	175	4.25	11.80	16.60	20.30	24.00	.....	.....	.....
C-12	25.80	54	4	3 1/16	59.00	112.00	18⅜	190	4.65	12.30	17.40	21.20	25.00	.....	.....	.....
C-11	32.48	68	3½	3 13/16	74.40	141.00	25½	240	5.24	12.30	17.40	21.20	.....	.....	.....	.....
1¾″ Pitch																
60295	15.63	28	5	3 1/16	$40.80	$77.40	7	140	3.41	12.80	19.60	25.60	27.30	29.90	30.70	31.80 †
C-22	17.86	32	4½	3 1/16	45.20	85.80	10	155	3.96	12.90	18.30	22.40	26.50	28.80	31.60	..... ‡
C-21	23.98	43	5	3 13/16	65.60	124.00	15¾	225	6.30	17.50	24.50	30.40	36.00	39.20	.....	.....
C-20	28.98	52	6	4 1/16	88.60	168.00	18⅞	350	9.35	23.60	33.40	41.00	.....	.....	.....	.....
2″ Pitch																
C-24	17.86	28	6	3 13/16	$55.80	$100.00	7⅜	210	5.15	15.40	21.80	26.80	31.70	34.50	37.80	..... †
C-27	18.50	29	6	3 13/16	58.20	104.00	8¾	220	6.35	15.90	22.50	27.60	32.70	35.50	39.00	..... ‡
C-26	24.22	38	6	3 13/16	79.40	143.00	13⅞	290	8.70	24.30	34.50	42.30	50.00	.....	.....	.....
C-31	29.94	47	6	4 1/16	99.20	178.00	16⅜	375	11.30	28.00	40.00	48.80	.....	.....	.....	.....
C-23	33.76	53	6	4 1/16	113.0	203.00	23¼	450	12.70	30.20	42.80	52.50	.....	.....	.....	.....
2¼″ Pitch																
C-30	38.70	54	6½	5 1/16	$148.00	$259.00	27	600	18.00	40.40	57.00	.....	.....	.....	.....	.....

*Multiply listed Horse Power of Pinions by 2.0 for Cast Iron—Cut Teeth; by 2.5 for Cast Steel—Cast Teeth, or by 5.0 for Cast Steel—Cut Teeth.

Speed Limit, in Cast Teeth (†); in Cut Teeth (‡).

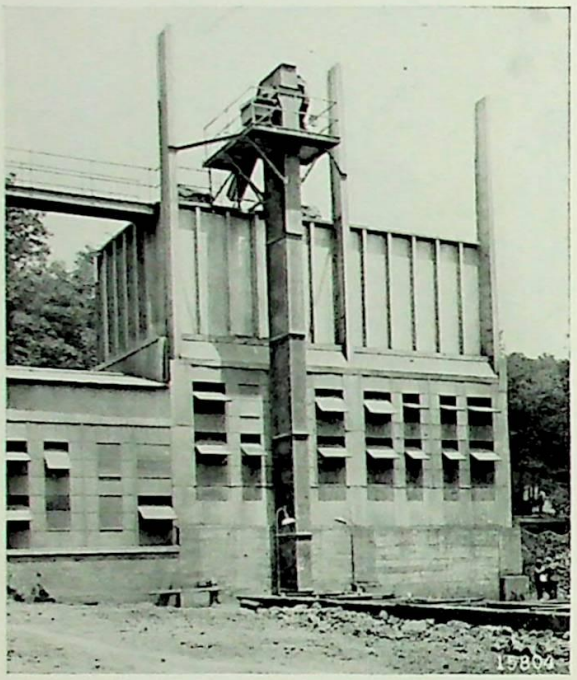
NOTE: Always use the Horsepower rating of the smaller gear of a pair.

††Add 10% for approximate Weight of Cast Steel Gears.

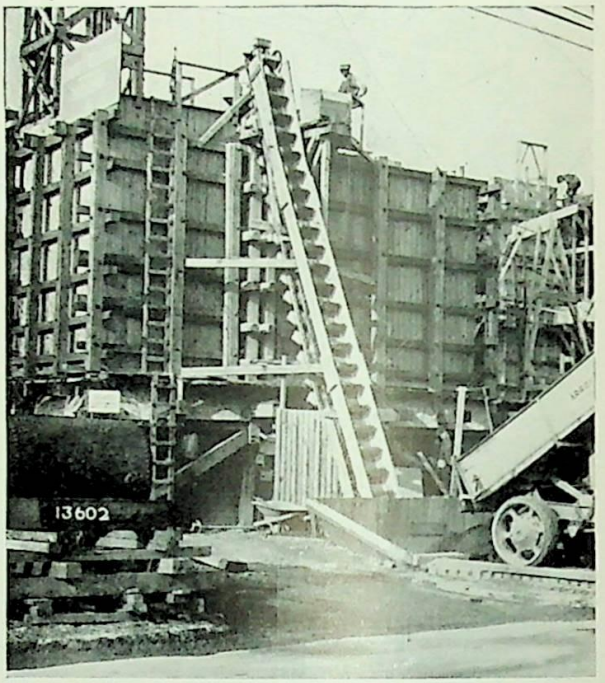
Jeffrey Bucket Elevators

JEFFREY Bucket Elevators have a broad application throughout industry for the handling of many kinds of materials such as grains, coal, coke, ashes, sand, gravel, stone, etc. Built to handle material in both vertical and inclined directions with a capacity of 6½ to 750 tons per hour.

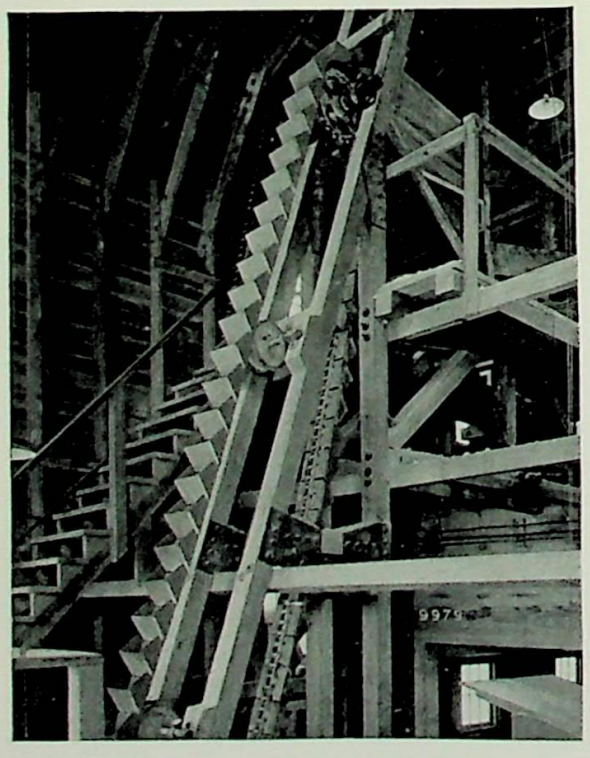
A few general applications are shown below while the following pages illustrate the various styles of elevators, buckets, boots, etc., designed to meet practically every condition and requirement.



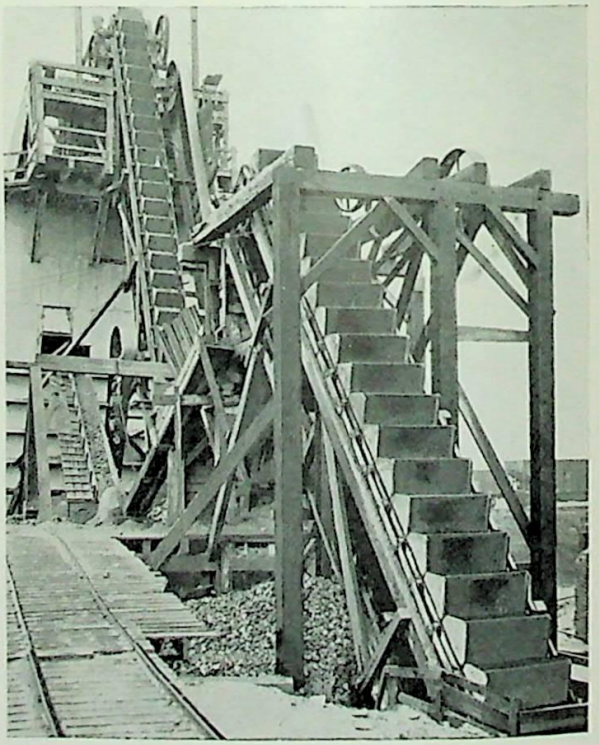
A Jeffrey Steel Encased Elevator handling Clinkers from Rotary Kilns to storage.



Inclined Elevator handling sand and gravel to bin over concrete mixer on a construction job.



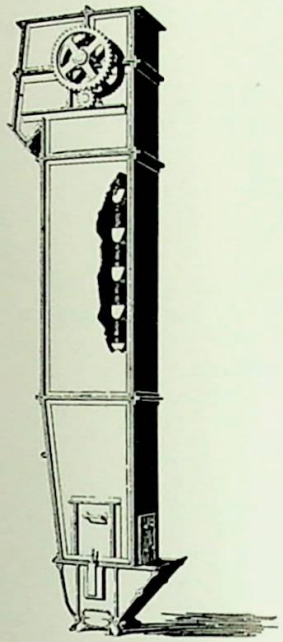
A Jeffrey Continuous Bucket Elevator for handling Barytes in a Fertilizer Plant.



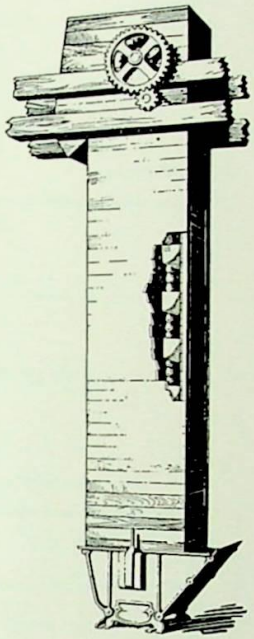
Jeffrey Elevators for heavy duty in the Stone Quarry.

Jeffrey Bucket Elevators

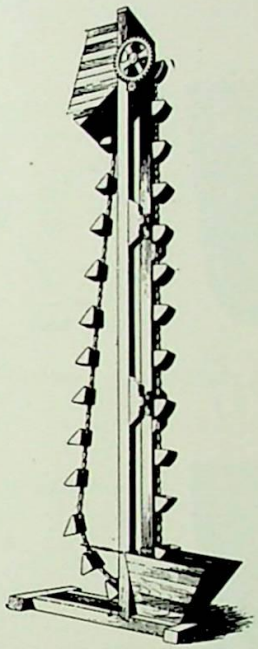
BELOW are shown the six general types of Jeffrey Bucket Elevators for the handling of materials in a vertical or inclined direction. Various styles of chains and buckets, of malleable or steel, can be furnished, as listed on following pages.



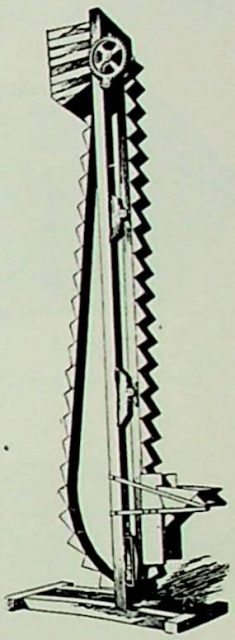
Elevator with Steel Casing for handling coal, ashes, coke and similar materials. Can be made dust-tight if required.



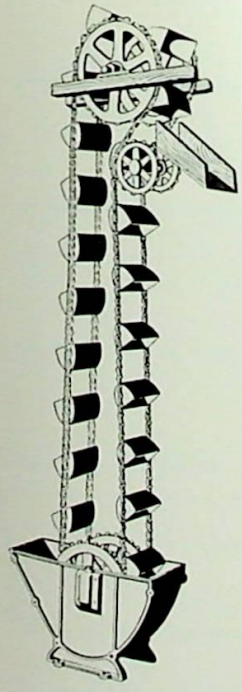
Elevator with Wooden Casing for handling Sand, Gravel, Fertilizer and similar materials.



Inclined Elevator for Sand, Gravel and other similar materials.

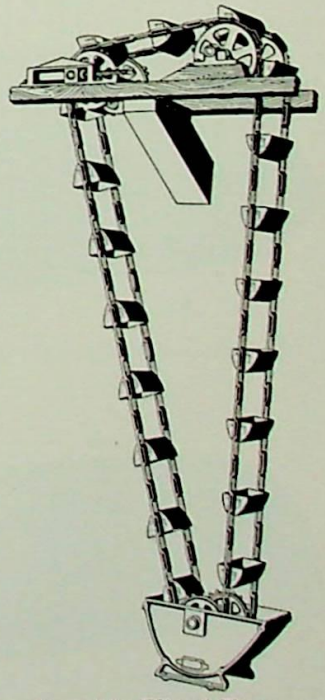


Inclined Continuous Bucket Elevator for Broken Stone and similar materials.



Deflecting Wheel Type
Medium Speed

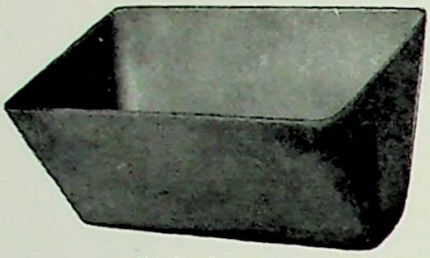
The Deflecting and Knuckle Wheel Types of Bucket Elevators are slow in operation. They are for handling soda ash, bone, and such materials as have a tendency to stick or cling in the buckets at the point of discharge.

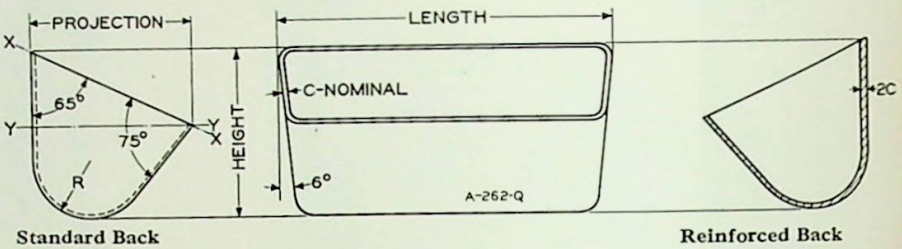


Knuckle Wheel Type
Slow Speed

Jeffrey Malleable Iron Buckets

JEFFREY superior quality, properly heat treated malleable iron buckets are of approved pattern and weight; these Buckets are smooth, seamless and strong, and afford a perfectly clean delivery of material. They are especially adapted to handling ores, stone, phosphates, cement, sand, coal and other gritty and abrasive materials. In ordering, state whether buckets are to be punched for flat belt or for chain, and if the latter, give size and number of strands of chain and style of attachment.

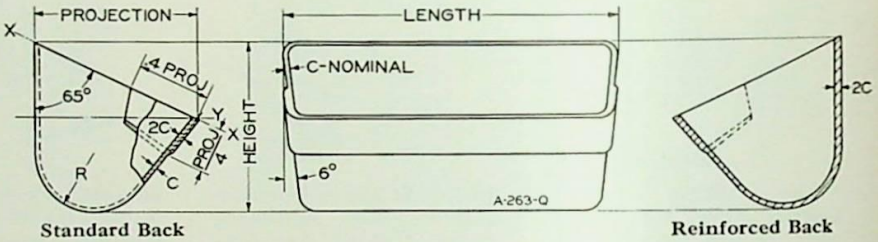




Style A

Standard Back **Reinforced Back**

The standard bucket in most general use. Used to handle coal, cement, sand, gravel, stone, etc.

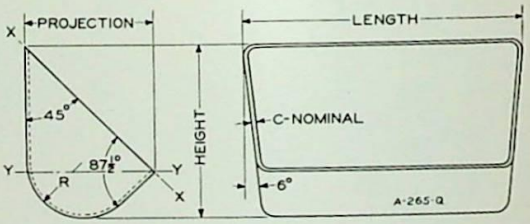


Style AA

Standard Back **Reinforced Back**

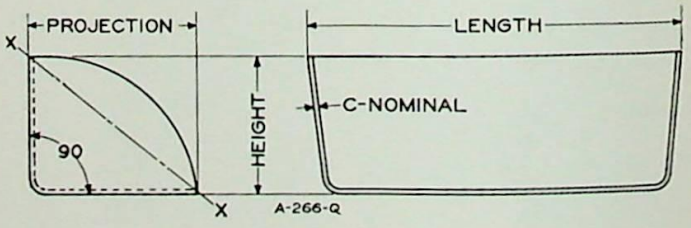
When digging in gritty materials the life of the bucket is prolonged by the heavy reinforcing band on the front edge and corners, making this portion again as thick as the rest of the bucket. Otherwise this bucket is the same as the Style A.

Both the Style A and AA can be furnished, in the sizes listed on the opposite page, with backs reinforced to twice the nominal thickness for extra severe service where there is a tendency to tear out at the bolt holes. See cross-section at right.



Sty e B

Most advantageously used when the elevator is inclined and handling coarsely broken materials such as stone, ore, etc



Style C

This bucket will handle satisfactorily such materials as tend to stick and pack in other types of buckets, like clay finely pulverized wet ores, sugar, salt, etc.

Jeffrey Malleable Iron Buckets

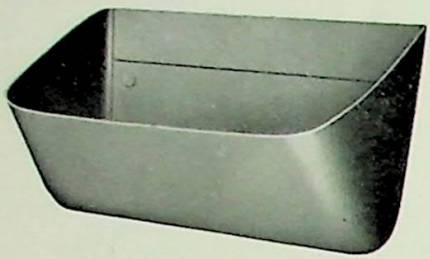
List Prices and Dimensions of Malleable Buckets

Standard Back									Reinforced Back	
Size Bucket—Inches			List Price Each	† Capacity—Cubic Ft.		Approx. Weight Lbs.	Thickness C Inches	Approx. Radius Bottom R Inches	List Price Each	Approx. Weight Lbs.
Length	Projection	Height		At Level "XX"	At Level "YY"					
Style A										
4	2¾	3	$0.31	.009	.007	.9	5/64	7/8		
4½	3	3½	.40	.014	.011	1.0	5/64	1		
5	3½	3¾	.50	.018	.013	1.4	5/64	1⅛		
6	4	4¼	.64	.030	.019	2.1	3/32	1¼		
7	4½	5	.76	.050	.033	2.8	3/32	1⅜		
8	5	5½	.90	.068	.045	3.8	3/32	1½		
10	6	6¼	1.45	.119	.075	6.2	7/64	2		
11	6	6¼	1.55	.122	.078	6.7	7/64	2		
12	6	6¼	1.65	.131	.086	7.2	7/64	2		
12	7	7¼	1.90	.194	.121	9.5	9/64	2⅜	$2.20	12.7
14	6	6¼	2.05	.210	.149	10.5	7/64	2		
14	7	7¼	2.20	.226	.147	11.0	9/64	2⅜	2.55	14.8
14	8	8½	3.00	.286	.187	15.2	11/64	2¾	3.45	20.6
16	7	7¼	2.60	.256	.162	12.7	9/64	2⅜	3.00	17.1
16	8	8½	3.40	.339	.191	17.2	11/64	2¾	3.90	21.0
18	8	8½	3.75	.381	.243	19.2	11/64	2¾	4.30	23.9
18	10	10½	5.85	.609	.386	30.0	13/64	3¼	6.60	33.0
Style AA										
6	4	4¼	$0.70	.030	.019	2.5	3/32	1¼		
8	5	5½	1.00	.068	.045	4.0	3/32	1½		
10	6	6¼	1.50	.119	.075	6.5	7/64	2	$1.75	9.2
11	6	6¼	1.65	.122	.078	7.0	7/64	2		
12	6	6¼	1.80	.131	.086	7.7	7/64	2	2.05	9.9
12	7	7¼	2.10	.194	.121	10.0	9/64	2⅜	2.40	13.2
14	6	6¼	2.35	.210	.149	12.0	7/64	2		
14	7	7¼	2.45	.226	.147	12.8	9/64	2⅜	2.80	15.3
15	7	7¼	2.60	.235	.144	13.0	9/64	2⅜		
16	7	7¼	2.85	.258	.162	14.6	9/64	2⅜	3.25	18.2
16	8	8½	3.75	.339	.191	19.1	11/64	2¾	4.25	22.9
18	8	8½	4.10	.381	.243	21.0	11/64	2¾	4.65	25.7
24	8	8½	6.15	.495	.353	28.0	11/64	2¾		
Style B										
4	1½	2¼	$0.25	.0035	.0016	.4	1/16			
7	3½	5	.58	.031	.012	2.2	5/64			
8	3½	5	.65	.035	.012	2.3	5/64			
10	4	5½	1.10	.068	.022	4.0	3/32			
12	5½	7½	1.65	.130	.046	6.5	7/64			
16	6½	9	2.60	.243	.087	13.5	9/64			
Style C										
6	4½	4	$0.60	.028	.....	2.0	3/32			
8	4½	4	.85	.039	.....	2.8	3/32			
10	5	4	1.20	.046	.....	4.0	3/32			
12	5	4	1.35	.058	.....	4.8	3/32			
12	6	6	1.60	.109	.....	6.6	7/64			
14	7	5½	2.20	.131	.....	8.5	9/64			
16	7	5½	2.40	.164	.....	10.5	9/64			
18	8	8	3.70	.279	.....	18.0	11/64			

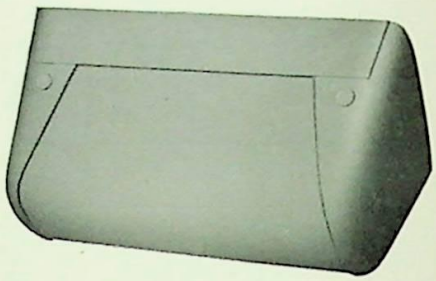
† It is customary in figuring elevators to figure that the buckets are loaded 80% full.

Jeffrey Elevator Buckets

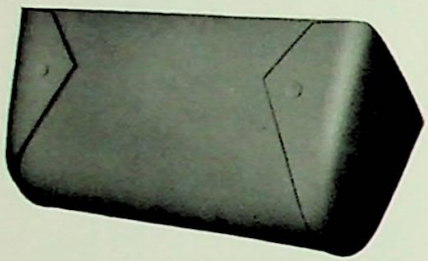
Standard Steel Elevator Buckets



Front View
Light gauges for Flour, Grain, Seeds, etc



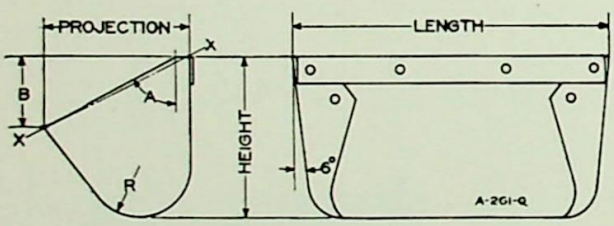
Rear View
Medium gauges for Coal, Lime, Cement, etc.



Rear View
Heavy gauges for Gravel, Broken Stone, etc.

Front View
Extra heavy gauges for Ashes, Sand, Coke and Ores.

Dimensions of Standard Steel Elevator Buckets in Inches



Nominal Projection	Actual Projection	Height	A	B	R
2½	2 5/16	2 3/8	68°	13/16	13/16
3	2 3/4	2 7/8	67°	1 1/16	1
3½	3 1/4	3 3/8	68°	1 3/16	1 5/32
4	3 3/4	3 7/8	64°	1 5/8	1 11/32
4½	4 1/8	4 3/8	66°	1 5/8	1½
5	4½	5 1/8	61°	2 3/8	1 19/32
5½	5 1/8	5 5/8	66°	2 1/8	1 13/16
6	5 3/8	6	62°	2 5/8	1 15/16
7	6 3/8	6 3/4	69°	2 5/16	2 9/32
8	7 1/4	7½	67°	2 7/8	3

"Jeffrey Rule" for Punching Bucket for Belt

Of Standard, Century and Malleable Types, unless Otherwise Ordered

We furnish Buckets with Double Ends and Double Backs, for which an additional charge is made.

Holes for Chain attachments are placed as best fits the bucket, unless otherwise ordered.

Width of Buckets Inches	*Number of Holes for ¼" Bolts In One Row	Width of Buckets Inches	*Number of Holes for ¼" Bolts In Two Rows Staggered
3–4–5–6	2	14–15–16	3 in Top Row 2 in Bottom Row
7–8–9–10	3	18–20–22	4 in Top Row 2 in Bottom Row
11–12–13	4	24	4 in Top Row 3 in Bottom Row

*Holes for Belts are equally spaced central on the back and near the top of the buckets. Use "Reliance or Excelsior" Bolts page 227.

Jeffrey Elevator Buckets

List Prices, Capacities and Weights of Standard Steel Elevator Buckets

Regular Sizes

Arranged in the order of "Length, Projections from Belt" and from the Lightest to the Heaviest Gauges. Unless otherwise specified U. S. Gauges of Steel are used in all Standard Buckets.

Sizes in **Bold Face Type** carried in stock to meet all ordinary demands.

*Capacities in Cubic Feet taken at level "XX" see drawing page 214

†To conform to general practice in listing buckets the listed capacities are for one hour with buckets spaced 12″ apart and traveling at the rate of 200 feet per minute. Engineering practice, however, is to space buckets about 3 Projections apart, but ordinarily not less than 12″ for Bucket Projections less than 4″.

Length x Projection from Belt	Gauge	List Price each	Approx. Weight 100 Buckets Lbs.	Capacity Bushels per Hour†	*Capacity in cubic ft for each Bucket
3 x3	**22**	$0.15	28	87	.008
	18	.25	44		
	16	.35	55		
3½x3	**22**	.15	29	102	.009
	18	.25	48		
	16	.35	60		
4 x3	**22**	.15	30	116	.012
	18	.25	52		
	16	.35	65		
4½x3	**22**	.15	32	131	.013
	18	.25	56		
	16	.35	70		
4 x3½	**22**	.15	45	159	.016
	18	.25	66		
	16	.35	82		
	14	.42	97		
4½x3½	**22**	.15	48	179	.017
	18	.25	72		
	16	.35	90		
	14	.42	104		
5 x3½	**22**	.17	51	199	.019
	18	.27	78		
	16	.38	97		
	14	.45	111		
5 x4	**20**	.19	66	229	.027
	18	.30	93		
	16	.42	116		
	14	.50	126		
	12	.73	174		
5½x4	**20**	.22	69	251	.028
	18	.33	100		
	16	.46	124		
	14	.54	134		
	12	.80	186		
6 x4	**20**	.25	72	274	.031
	18	.37	106		
	16	.50	132		
	14	.59	142		
	12	.88	198		
7 x4½	**20**	.30	110	500	.042
	18	.43	128		
	16	.56	160		
	14	.65	185		
	12	.97	256		
	10	1.15	328		
8 x5	**19**	.35	140	670	.064
	16	.60	223		
	14	.70	250		
	12	1.05	360		
	10	1.25	460		
	8	1.45	590		
	3/16	1.65	696		
9x5	**19**	$0.40	155	754	.076
	16	.65	245		
	14	.77	270		
	12	1.12	390		
	10	1.35	500		
	8	1.57	615		
	3/16	1.78	726		
10x5	**19**	.45	195	838	.088
	16	.70	267		
	14	.84	290		
	12	1.19	420		
	10	1.45	540		
	8	1.69	655		
	3/16	1.91	774		
10x5½	**19**	.48	170	973	.092
	16	.73	285		
	14	.87	326		
	12	1.27	455		
	10	1.51	585		
	8	1.75	720		
	3/16	1.96	850		
10x6	**18**	.56	270	1220	.110
	16	.77	340		
	14	.95	385		
	12	1.40	540		
	10	1.69	670		
	8	1.97	840		
	3/16	2.19	990		
11x6	**18**	.62	285	1342	.129
	16	.88	360		
	14	1.08	410		
	12	1.58	570		
	10	1.90	710		
	8	2.20	890		
	3/16	2.43	1025		
12x6	**18**	.69	300	1464	.143
	16	.92	380		
	14	1.14	435		
	12	1.69	600		
	10	2.05	750		
	8	2.37	940		
	3/16	2.61	1101		
14x6	**18**	.83	340	1708	.166
	16	1.06	400		
	14	1.30	474		
	12	1.90	660		
	10	2.30	830		
	8	2.65	1040		
	3/16	2.90	1230		
16x6	**18**	.97	380	1952	.194
	16	1.22	445		
	14	1.48	520		

Jeffrey Elevator Buckets

List Prices, Capacities and Weights of Standard Steel Elevator Buckets (Cont'd)

Regular Sizes

Sizes in **Bold Face Type** carried in stock to meet all ordinary demands.

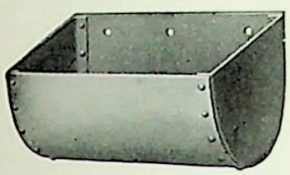
*Capacities in Cubic Feet taken at level "XX" see drawing page 214

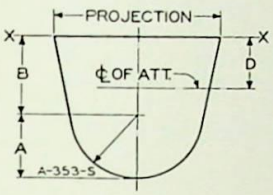
†To conform to general practice in listing buckets the listed capacities are for one hour with buckets spaced 12″ apart and traveling at the rate of 200 feet per minute. Engineering practice, however, is to space buckets about 3 Projections apart, but ordinarily not less than 12″ for Bucket Projections less than 4″.

Length x Projection from Belt	Gauge	List Price each	Approx. Weight 100 Buckets Lbs.	Capacity Bushels per Hour†	*Capacity in cubic ft for each Bucket
16x6	12	$2.05	725	1952	.194
	10	2.45	910		
	8	2.80	1145		
	3/16	3.06	1350		
18x6	18	1.11	420	2196	.219
	16	1.41	490		
	14	1.69	580		
	12	2.30	785		
	10	2.72	1000		
	8	3.09	1250		
	3/16	3.37	1480		
20x6	18	1.25	460	2440	.247
	16	1.60	540		
	14	1.90	630		
	12	2.50	850		
	10	2.94	1100		
	8	3.34	1380		
	3/16	3.64	1625		
10x7	18	.70	290	1590	.138
	16	.92	356		
	14	1.17	444		
	12	1.70	605		
	10	2.10	785		
	8	2.45	980		
	3/16	2.70	1160		
11x7	18	.77	305	1749	.153
	16	1.01	378		
	14	1.28	472		
	12	1.85	640		
	10	2.25	830		
	8	2.60	1040		
	3/16	2.85	1225		
12x7	**18**	**.85**	320	1908	.170
	16	**1.11**	400		
	14	**1.40**	500		
	12	2.00	675		
	10	2.40	875		
	8	2.75	1100		
	3/16	3.00	1300		
14x7	**18**	**1.00**	372	2226	.208
	16	**1.28**	450		
	14	**1.60**	556		
	12	2.20	745		
	10	2.65	965		
	8	3.00	1220		
	3/16	3.25	1440		
16x7	**18**	**1.15**	416	2544	.227
	16	**1.45**	500		
	14	**1.80**	612		
	12	2.40	815		
	10	2.90	1055		
	8	3.25	1340		
	3/16	3.50	1580		
18x7	18	1.30	460	2862	.266
	16	1.62	550		
	14	2.00	668		
	12	2.65	885		
	10	3.10	1145		
	8	3.50	1460		
	3/16	3.75	1720		
20x7	18	1.45	504	3180	.257
	16	1.80	600		
20x7	14	$2.20	720	3180	.257
	12	2.90	955		
	10	3.40	1235		
	8	3.80	1580		
	3/16	4.25	1860		
16x8	18	1.35	475	3184	.298
	16	1.65	570		
	14	2.05	710		
	12	2.70	970		
	10	3.15	1225		
	8	3.55	1520		
	3/16	4.00	1800		
18x8	18	1.50	525	3582	.335
	16	1.80	630		
	14	2.20	770		
	12	2.85	1050		
	10	3.30	1325		
	8	3.75	1650		
	3/16	4.25	1950		
20x8	18	1.66	575	3980	.377
	16	2.00	690		
	14	2.40	830		
	12	3.05	1130		
	10	3.50	1425		
	8	4.00	1790		
	3/16	4.55	2100		
22x8	18	1.83	625	4378	.423
	16	2.20	750		
	14	2.65	890		
	12	3.30	1210		
	10	3.75	1525		
	8	4.30	1920		
	3/16	4.90	2250		
24x8	18	2.00	675	4776	.458
	16	2.40	810		
	14	2.90	950		
	12	3.60	1300		
	10	4.05	1650		
	8	4.65	2050		
	3/16	5.30	2400		
26x8	18	2.20	725	5174	.537
	16	2.65	870		
	14	3.15	1010		
	12	3.90	1380		
	10	4.40	1725		
	8	5.05	2180		
	3/16	5.75	2550		
28x8	18	2.40	775	5572	.578
	16	2.90	930		
	14	3.45	1070		
	12	4.25	1460		
	10	4.80	1825		
	8	5.50	2310		
	3/16	6.25	2700		
30x8	18	2.60	825	5970	.620
	16	3.15	990		
	14	3.70	1130		
	12	4.60	1540		
	10	5.25	1925		
	8	6.00	2440		
	3/16	6.80	2850		

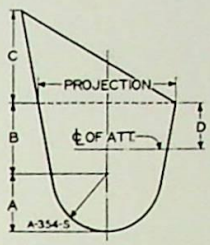
Jeffrey Elevator Buckets

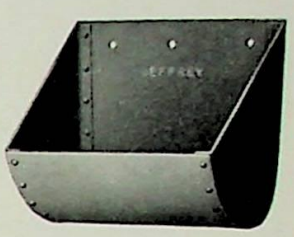
"Century" Steel Buckets





Standard Type





High Back Type

A general, all around Bucket for both light and heavy work and for all capacities. It is made of sheet steel, its body being firmly riveted to the ends, making it well shaped and perfect in discharging.

The "Century" Bucket is an ideal one for centrally hung elevators where the buckets are bolted through their ends to two strands of chain such as in Perfect Discharge Elevators.

The High Back type is especially adapted to inclined elevators.

List Price and Dimensions

Size Bucket						Capacity—Cu. Ft.		Gauge of Steel—List Price Each					
Length In.	Projection In.	A In.	B In.	C In.	D In.	At Level XX	80% Full	16	14	12	10	3/16	1/4
6	4	1 5/8	1 7/16	1 5/16	1 1/4	.0318	.0254	$1.94	$2.00	$2.08	$2.18	.....	.....
7	4	1 5/8	1 7/16	1 5/16	1 1/4	.0370	.0296	2.10	2.16	2.25	2.36	.....	.....
8	5	1 15/16	1 11/16	3 1/16	1 7/16	.0611	.0489	2.25	2.32	2.52	2.65	.....	.....
9	5	1 15/16	1 11/16	3 1/16	1 7/16	.0687	.0550	2.35	2.45	2.55	2.72	.....	.....
10	6	2 1/4	2 3/4	3 5/8	1 3/4	.1266	.1013	2.60	2.72	2.89	3.11	$3.37	.....
12	6	2 1/4	2 3/4	3 5/8	1 3/4	.1520	.1216	2.72	2.86	3.05	3.31	3.63	.....
14	6	2 1/4	2 3/4	3 5/8	1 3/4	.1773	.1418	2.84	3.00	3.21	3.51	3.89	.....
16	6	2 1/4	2 3/4	3 5/8	1 3/4	.2026	.1621	2.96	3.14	3.37	3.69	4.13	.....
18	6	2 1/4	2 3/4	3 5/8	1 3/4	.2280	.1824	3.08	3.28	3.53	3.89	4.39	.....
20	6	2 1/4	2 3/4	3 5/8	1 3/4	.2533	.2026	3.20	3.42	3.69	4.09	4.65	.....
10	7	2 7/16	3 1/16	4 3/8	2	.1561	.1249	.....	2.85	3.06	3.36	3.71	.....
12	7	2 7/16	3 1/16	4 3/8	2	.1874	.1499	.....	3.00	3.23	3.56	3.95	.....
14	7	2 7/16	3 1/16	4 3/8	2	.2186	.1749	.....	3.15	3.40	3.76	4.20	.....
16	7	2 7/16	3 1/16	4 3/8	2	.2498	.1998	.....	3.30	3.57	3.96	4.44	.....
18	7	2 7/16	3 1/16	4 3/8	2	.2811	.2249	.....	3.45	3.74	4.16	4.70	.....
20	7	2 7/16	3 1/16	4 3/8	2	.3123	.2498	.....	3.60	3.91	4.37	4.95	.....
16	8	2 15/16	3 1/16	5 3/16	2 1/4	.3188	.2550	.....	3.50	3.78	4.22	4.72	.....
18	8	2 15/16	3 1/16	5 3/16	2 1/4	.3586	.2869	.....	3.70	4.02	4.50	5.05	.....
20	8	2 15/16	3 1/16	5 3/16	2 1/4	.3985	.3188	.....	3.90	4.26	4.78	5.38	.....
22	8	2 15/16	3 1/16	5 3/16	2 1/4	.4383	.3506	.....	4.12	4.52	5.08	5.73	.....
24	8	2 15/16	3 1/16	5 3/16	2 1/4	.4782	.3826	.....	4.35	4.80	5.40	6.10	.....
16	10	3 11/16	3 11/16	5 3/4	2 13/16	.4918	.3934	.....	3.75	4.15	4.70	5.25	.....
18	10	3 11/16	3 11/16	5 3/4	2 13/16	.5533	.4426	.....	4.05	4.50	5.10	5.70	.....
20	10	3 11/16	3 11/16	5 3/4	2 13/16	.6148	.4918	.....	4.35	4.85	5.55	6.25	.....
22	10	3 11/16	3 11/16	5 3/4	2 13/16	.6763	.5410	.....	4.67	5.22	6.00	6.75	.....
24	10	3 11/16	3 11/16	5 3/4	2 13/16	.7378	.5902	.....	5.00	5.60	6.50	7.30	$ 8.50
16	12	4 5/8	4 5/8	7 13/16	3 1/2	.7624	.6099	.....	.....	4.75	5.55	6.15	7.15
18	12	4 5/8	4 5/8	7 13/16	3 1/2	.8577	.6862	.....	.....	5.10	5.95	6.60	7.70
20	12	4 5/8	4 5/8	7 13/16	3 1/2	.9530	.7624	.....	.....	5.45	6.35	7.10	8.25
22	12	4 5/8	4 5/8	7 13/16	3 1/2	1.0483	.8386	.....	.....	5.80	6.75	7.55	8.75
24	12	4 5/8	4 5/8	7 13/16	3 1/2	1.1436	.9149	.....	.....	6.15	7.15	8.05	9.35
26	12	4 5/8	4 5/8	7 13/16	3 1/2	1.2389	.9911	.....	.....	6.50	7.55	8.50	9.90
28	12	4 5/8	4 5/8	7 13/16	3 1/2	1.3342	1.0674	.....	.....	6.90	8.00	9.00	10.50
18	14	5 3/8	5 3/8	9 5/16	4	1.1626	.9301	.....	.....	5.75	6.75	7.50	8.70
20	14	5 3/8	5 3/8	9 5/16	4	1.2918	1.0334	.....	.....	6.10	7.15	8.00	9.30
22	14	5 3/8	5 3/8	9 5/16	4	1.4210	1.1368	.....	.....	6.45	7.55	8.45	9.85
24	14	5 3/8	5 3/8	9 5/16	4	1.5502	1.2402	.....	.....	6.80	7.95	8.90	10.50
26	14	5 3/8	5 3/8	9 5/16	4	1.6794	1.3435	.....	.....	7.15	8.35	9.40	11.10
28	14	5 3/8	5 3/8	9 5/16	4	1.8085	1.4469	.....	.....	7.50	8.80	9.95	11.75
30	14	5 3/8	5 3/8	9 5/16	4	1.9377	1.5502	.....	.....	7.85	9.25	10.50	12.50

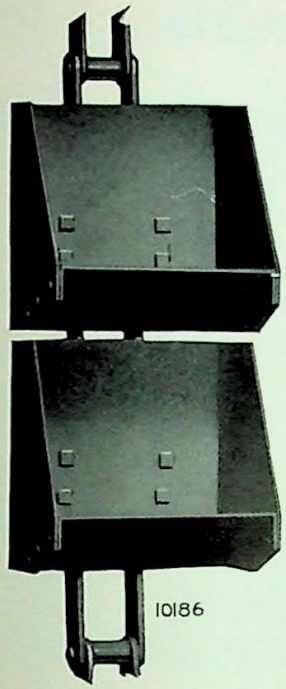
Jeffrey Elevator Buckets

"Century" Steel Buckets

Weights

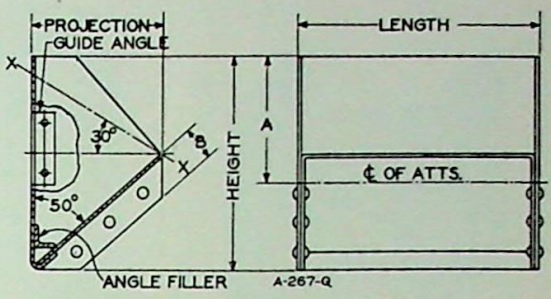
Size Bucket		Standard Type						High Back Type					
		Gauge of Steel—Weight Each, Pounds											
Length In.	Projection In.	16	14	12	10	$\frac{3}{16}$	$\frac{1}{4}$	16	14	12	10	$\frac{3}{16}$	$\frac{1}{4}$
6	4	1.34	1.66	2.37	3.00	.....	.....	1.84	2.25	3.20	3.94	.....	.....
7	4	1.48	1.83	2.61	3.32	.....	.....	2.00	2.48	3.52	4.47	.....	.....
8	5	2.01	2.49	3.53	4.49	.....	.....	2.81	3.48	4.94	6.31	.....	.....
9	5	2.17	2.70	3.82	4.86	.....	.....	3.04	3.77	5.35	6.81	.....	.....
10	6	3.27	4.07	5.74	7.33	9.81	.....	4.40	5.47	7.71	9.85	13.23	.....
12	6	3.73	4.64	6.54	8.36	11.08	.....	4.99	6.20	8.73	11.18	15.06	.....
14	6	4.16	5.18	7.30	9.34	12.48	.....	5.55	6.90	9.73	12.44	16.68	.....
16	6	4.59	5.73	8.06	10.31	13.78	.....	6.13	7.64	10.73	13.73	18.43	.....
18	6	5.05	6.30	8.86	11.36	15.15	.....	6.71	8.35	11.73	15.03	20.13	.....
20	6	5.51	6.87	9.67	12.39	16.55	.....	7.28	9.06	12.76	16.33	21.81	.....
10	7	.....	4.80	6.76	8.66	11.56	.....	.....	6.43	9.06	11.58	15.53	.....
12	7	.....	5.44	7.66	9.80	13.10	.....	.....	7.27	10.23	13.08	17.53	.....
14	7	.....	6.04	8.51	10.89	14.55	.....	.....	8.09	11.38	14.78	19.51	.....
16	7	.....	6.71	9.44	12.09	16.15	.....	.....	8.92	12.53	16.05	21.47	.....
18	7	.....	7.35	10.33	13.26	17.68	.....	.....	9.72	13.67	17.51	23.43	.....
20	7	.....	8.03	11.26	14.46	19.30	.....	.....	10.55	14.81	19.01	25.41	.....
16	8	.....	7.43	10.45	13.38	17.88	.....	.....	10.38	14.60	18.68	25.08	.....
18	8	.....	8.10	11.38	14.58	19.49	.....	.....	11.31	15.90	20.36	27.26	.....
20	8	.....	8.81	12.35	15.83	21.18	.....	.....	12.21	17.20	22.01	29.46	.....
22	8	.....	9.48	13.31	17.05	22.78	.....	.....	13.16	18.48	23.68	31.73	.....
24	8	.....	10.16	14.28	18.33	24.47	.....	.....	14.07	19.79	25.34	33.93	.....
16	10	.....	9.60	13.48	17.28	23.08	.....	.....	13.66	19.20	24.58	32.93	.....
18	10	.....	10.48	14.73	18.90	25.23	.....	.....	14.86	20.83	26.71	35.78	.....
20	10	.....	11.32	15.88	20.37	27.21	.....	.....	16.01	22.47	28.78	38.53	.....
22	10	.....	12.13	17.03	21.88	29.18	.....	.....	17.13	24.08	30.86	41.23	.....
24	10	.....	13.01	18.26	23.43	31.24	41.61	.....	18.29	25.68	32.88	43.98	58.38
16	12	.....	.....	17.80	22.90	31.00	40.60	.....	.....	25.13	32.10	43.00	57.00
18	12	.....	.....	19.30	24.80	33.10	43.90	.....	.....	27.10	34.70	46.30	61.19
20	12	.....	.....	20.80	26.70	35.70	46.40	.....	.....	29.03	37.20	49.70	65.98
22	12	.....	.....	22.30	28.60	38.20	50.80	.....	.....	31.00	39.70	53.10	70.57
24	12	.....	.....	23.80	30.50	40.80	54.10	.....	.....	32.99	42.30	56.50	75.06
26	12	.....	.....	25.30	32.50	43.30	57.60	.....	.....	35.00	44.90	60.00	79.65
28	12	.....	.....	26.80	34.30	45.80	61.00	.....	.....	36.90	47.30	63.20	84.03
18	14	.....	.....	23.40	30.00	40.10	53.40	.....	.....	33.05	42.40	56.60	75.26
20	14	.....	.....	25.10	32.30	43.10	57.30	.....	.....	35.30	45.20	60.40	80.36
22	14	.....	.....	26.90	34.50	46.10	61.30	.....	.....	37.68	48.30	64.50	85.77
24	14	.....	.....	28.60	36.70	49.10	65.30	.....	.....	39.96	51.30	68.40	91.07
26	14	.....	.....	30.30	38.90	52.00	69.20	.....	.....	42.20	54.10	72.30	96.17
28	14	.....	.....	32.10	41.20	55.10	73.30	.....	.....	44.60	57.20	76.40	101.68
30	14	.....	.....	33.90	43.50	58.10	77.30	.....	.....	46.88	60.00	80.30	106.78

Jeffrey Style D Continuous Buckets



An Angle Filler as shown can be furnished upon request at slight extra cost for service in handling materials tending to pack.

Guide Angles for inclined elevators also furnished at additional cost. See table below.



All Continuous Buckets 26 inches long and over are further strengthened by the addition of a center brace as shown.

THIS type of bucket is used very extensively for handling Broken Stone, Sand, Gravel, Coal, etc. The Jeffrey Continuous Bucket is a two-piece bucket. The ends and back being formed from one-piece with the bottom either welded or riveted on thru the flanges, on the outside of the bucket. In this construction the rivet heads do not come in contact with the material, thus eliminating the annoyance of the buckets pulling apart due to the rivet heads wearing off.

The back is flanged to completely close the joint between the back and bottom of the bucket. This flange also serves as a stiffener to both back and bottom insuring the bucket against buckling when handling heavy materials.

List Prices and Dimensions of Style D Buckets

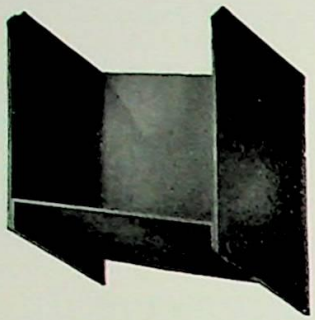
Size of Bucket			* Capacity	A	Gauge Steel—List Price Each					Gauge Steel—Weight Lbs.				
Length In.	Projection In.	Height In.	Cu. Ft. At XX	In.	14	12	10	3/16	1/4	14	12	10	3/16	1/4
8	5	7¾	.082	4 13/16	$1.95	$2.15	$2.35			4.5	6.3	8.1		
10	5½	8¾	.124	5 7/16	2.25	2.45	2.70			5.9	8.2	10.5		
11	6	8¾	.162	5 7/16		2.65	2.90				9.5			
12	6	8¾	.177	5 7/16		2.75	3.00				10.1			
8	8	11¾	.210	7 3/16		2.90	3.20				12.2	14.7		
10	8	11¾	.263	7 3/16		3.10	3.45				13.5	16.3		
12	6	11¾	.177	7 3/16		3.00	3.30	$ 3.70			12.4	16.0	21.0	
12	7	11¾	.206	7 3/16		3.15	3.50	3.90			13.6	17.5	23.1	
12	8	11¾	.316	7 3/16		3.30	3.70	4.20			14.2	18.2		
14	8	11¾	.367	7 3/16		3.50	3.95	4.50			16.4	21.0	28.0	
16	8	11¾	.419	7 3/16		3.75	4.30	4.90	$5.80		17.5	22.0	30.0	39.6
18	8	11¾	.472	7 3/16		4.05	4.70	5.30	6.20		19.0	24.7	33.0	44.0
20	8	11¾	.524	7 3/16		4.40	5.25	5.85	6.80		20.3	26.0	34.0	45.0
22	8	11¾	.576	7 3/16			5.60	6.30	7.40			28.0	37.0	49.0
24	8	11¾	.629	7 3/16			6.10	6.80	8.00			30.0	40.0	53.0
24	10	11¾	.810	7 3/16			6.75	7.60	9.00			33.6	44.8	59.7
16	12	17¾	.944	10 13/16			7.00	8.00	9.60			36.0	50.0	67.0
20	12	17¾	1.180	10 13/16			8.00	9.10	10.80			42.2	58.0	78.0
24	12	17¾	1.416	10 13/16			9.00	10.20	12.10			48.0	66.0	88.0
30	12	17¾	1.768	10 13/16				13.00	15.70				74.0	100.0
36	12	17¾	2.122	10 13/16				16.00	19.00				87.0	116.0
42	12	17¾	2.476	10 13/16				20.00	23.50				100.0	133.0
42	16	23¾	4.400	14 7/16				26.50	31.00				138.0	182.0
48	12	17¾	2.830	10 13/16				24.00	28.00				111.0	148.0
48	16	23¾	5.030	14 7/16				31.00	36.00				152.0	200.0

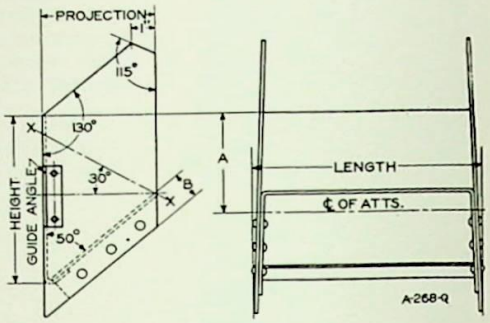
* Working Capacities should be 80% of those listed.

For Guide Angles, Add to List Price Per Bucket as Follows:

Height of Bucket	List Price	Size Angle	Length In.	Approx Weight Lbs.—Per Pair
7¾"	$0.80	2½ x 2 x 5/16	4½	2.4
8¾"	0.90	2½ x 2 x 5/16	4½	2.4
11¾"	1.00	2½ x 2 x 5/16	4½	2.4
17¾"	1.20	2½ x 2½ x 3/8	5½	5.4
23¾"	1.60	2½ x 2½ x 3/8	5½	5.4

Jeffrey Style D-1 Continuous Buckets

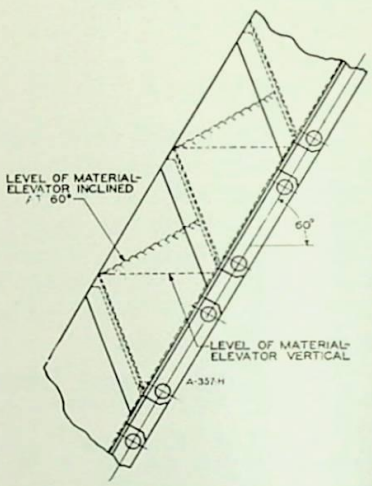




THE Style D-1 Continuous Bucket is a modified form of the style D bucket with the sides extended.

They are used on elevators inclined about 60 degrees to the horizontal, the extended sides serving, at this flat angle, to increase the capacity to that of the Style D.

For Guide Angles see page 219.

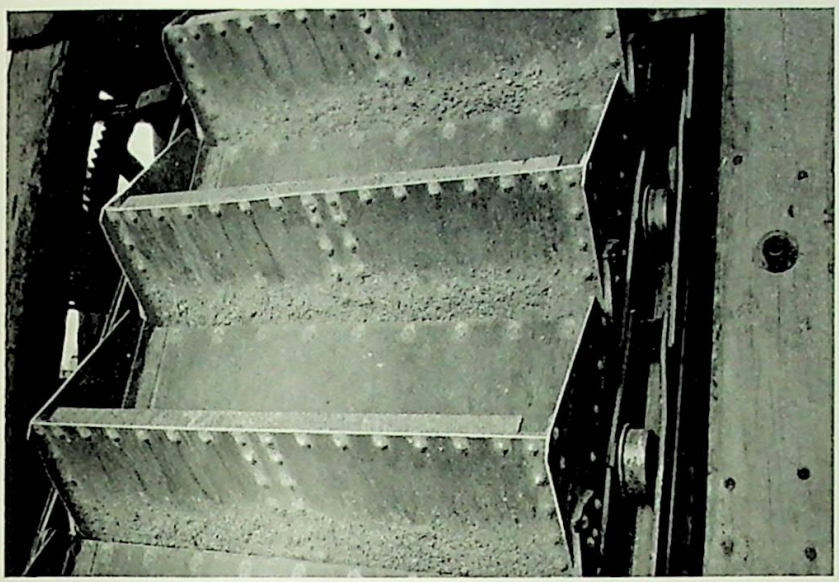


List Prices and Dimensions of Style D-1 Buckets

Size of Bucket			* Capacity Cu. Ft. At XX	A In.	B In.	Gauge Steel— List Price Each					Gauge Steel Weight, Lbs.				
Length In.	Projection In.	Height In.				14	12	10	3/16	1/4	14	12	10	3/16	1/4
8	5	7¾	.082	4 13/16	1¼	$2.25	$2.45	$2.65	.....	.....	5.1	7.1	9.2	.....	.....
10	5½	8¾	.124	5 7/16	1¼	2.55	2.80	3.10	.....	.....	6.6	9.2	11.8	.....	.....
12	6	11¾	.177	7 3/16	1½	.....	3.50	4.00	$4.40	.....	.....	13.2	17.0	22.7	.....
12	7	11¾	.206	7 3/16	1½	.....	3.70	4.20	4.80	.....	.....	14.5	18.6	24.8	.....
14	8	11¾	.367	7 3/16	1½	.....	4.20	4.90	5.60	.....	.....	17.5	22.5	30.0	.....
16	8	11¾	.419	7 3/16	1½	.....	4.55	5.30	6.10	$7.30	.....	.....	24.2	32.3	43.0
18	8	11¾	.472	7 3/16	1½	.....	4.80	5.80	6.60	7.80	.....	.....	26.0	35.0	47.0
20	8	11¾	.524	7 3/16	1½	.....	5.20	6.35	7.20	8.40	.....	.....	27.0	36.0	48.0
22	8	11¾	.576	7 3/16	1½	.....	.....	6.80	7.80	9.00	.....	.....	29.0	39.0	52.0
24	8	11¾	.629	7 3/16	1½	.....	.....	7.30	8.40	9.60	.....	.....	31.0	42.0	55.0
30	12	17¾	1.768	10 13/16	1½	.....	.....	.....	16.50	19.50	.....	.....	.....	77.0	104.0
36	12	17¾	2.122	10 13/16	1½	.....	.....	.....	19.50	23.50	.....	.....	.....	90.0	120.0
42	12	17¾	2.476	10 13/16	1½	.....	.....	.....	25.50	29.50	.....	.....	.....	103.0	137.0
42	16	23¾	4.400	14 7/16	2	.....	.....	.....	33.00	38.00	.....	.....	.....	141.5	186.5
48	12	17¾	2.830	10 13/16	1½	.....	.....	.....	31.00	35.00	.....	.....	.....	113.5	151.5
48	16	23¾	5.030	14 7/16	2	.....	.....	.....	38.00	44.00	.....	.....	.....	156.0	204.0

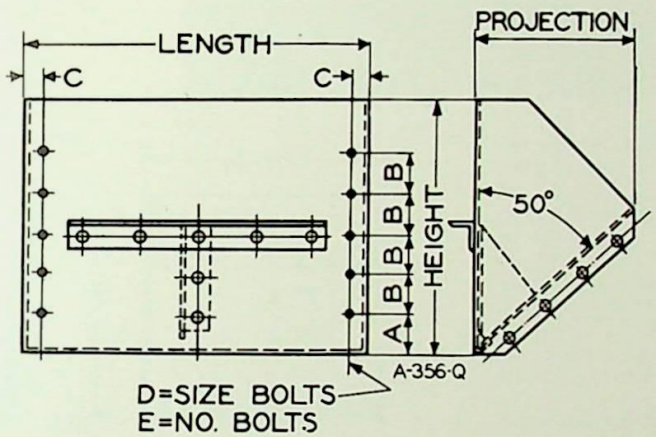
* Working Capacities should be 80% of those listed.

Jeffrey Heavy Duty Continuous Buckets



THE Heavy Duty Continuous Buckets are heavy style D Buckets for very severe service such as encountered in the handling of crushed stone.

They are made of ¼-inch steel plate with a ¼-inch diaphragm thru the middle and are heavily reinforced with angles on both lip and back. The back of the bucket is punched at each end for D-21½ attachments, shown on page 102, and the buckets are mounted on two strands of heavy Steel Thimble Roller Chain as listed below.

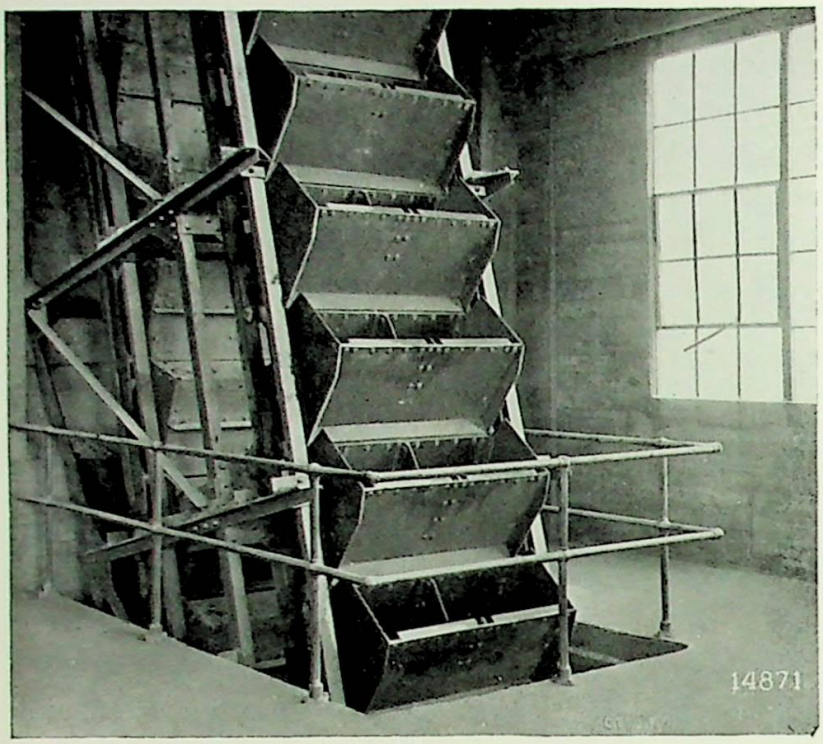


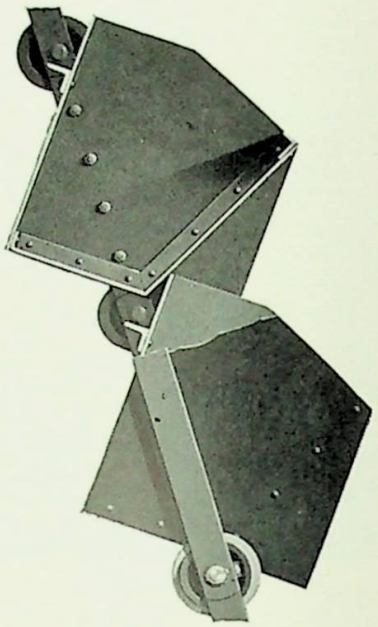
List Prices and Dimensions of Heavy Duty Buckets

Size Bucket			List Price Each	* Capacity Cu. Ft. At Level XX	Approx. Weight Lbs.	Dimensions—Inches					Works on Chains No.
Length In.	Projection In.	Height In.				A	B	C	D	E	
24	12	17¾	$20.00	1.42	91	4½	4	1¼	⅝	3	182½ 1187
30	12	17¾	25.00	1.77	109	4½	4	1¼	⅝	3	182½ 1187
30	16	23¾	38.00	3.15	156	5	4¼	1½	¾	4	1164 1183 1184
36	16	23¾	45.00	3.78	182	5	4¼	1½	¾	4	1164 1183 1184
42	20	29¾	67.00	6.88	263	6⅝	5½	1½	¾	5	1076½ 1185 1186
48	20	29¾	76.00	7.86	291	6⅝	5½	1½	¾	5	1076½ 1185 1186

*Working Capacities should be 80% of those listed.

Jeffrey Super-Capacity Continuous Buckets

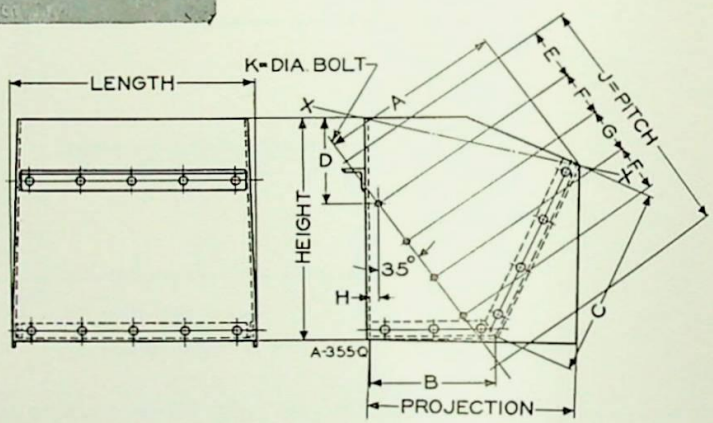




THE Super-Capacity Bucket has the advantage over all other types of continuous buckets, in that, due to its shape and manner of mounting on the chain, it will carry a much larger percentage of maximum size material.

Jeffrey Super Capacity Buckets are constructed of ¼ inch steel plate, heavily riveted, and have reinforcing angles on the backs and lips. In the 42 inch and 48 inch buckets ¼-inch steel diaphragms are used in the middle as an additional brace.

The ends are punched and the buckets are bolted directly to the side bars of two strands of Steel Thimble Roller Chain as listed below.



Dimensions of Jeffrey Super Capacity Buckets

Size Bucket			List Price Each	* Capacity Cu. Ft. At Level XX	Approx. Weight Lbs.	Dimensions—Inches										Works on Chains No.
Length In.	Projection In.	Height In.				A	B	C	D	E	F	G	H	J	K	
24	15	18		2.44	122	13¾	8½	14⅜	8 5/16	5	4	.....	1¼	18	½	182½ 1187 1197
24	20	24	On Application	4.36	168	17¼	12	18¼	8 7/16	5¼	4½	4½	1 3/16	24	¾	1164 1183 1184
30	20	24		5.45	195	17¼	12	18¼	8 7/16	5¼	4½	4½	1 3/16	24	¾	1086½ 1164 1184
36	20	24		6.54	222	17¼	12	18¼	8 7/16	5¼	4½	4½	1 3/16	24	¾	1086½ 1164 1184
42	20	24		7.63	275	17¼	12	18¼	8 7/16	5¼	4½	4½	1 3/16	24	¾	1086½ 1164 1184
48	20	24		8.72	301	17¼	12	18¼	8 7/16	5¼	4½	4½	1 3/16	24	¾	1086½ 1164 1184

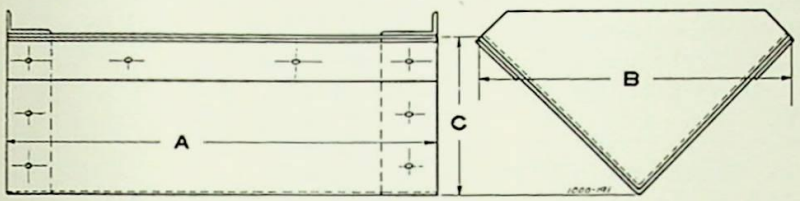
*Working Capacities should be 80% of those listed.

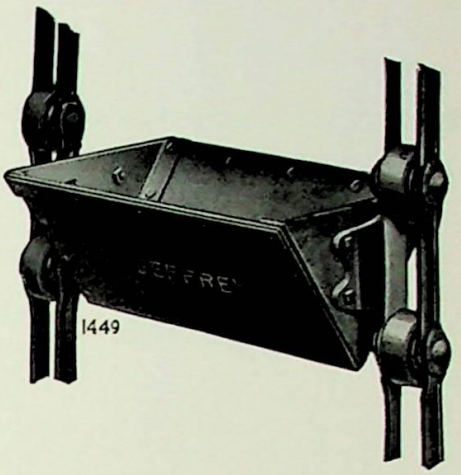
Jeffrey Steel "V" Buckets

JEFFREY Steel V-Buckets are designed not only to elevate material but to act as scrapers on the horizontal.

The edges of the buckets are re-enforced with 1½" x 3/16" stiffening bars for 12" x 6", 14" x 7" and 16" x 8" buckets. On other sizes 2" x ¼" stiffening bars are used.

On the Jeffrey Standard V-Bucket Elevators and Conveyors the following selected Chains are used in connection with the VE-1 Attachments: 516 and 518 F & R.. 526 and 558 Vulcan, 126C. M. R., 951, 276, 180 and 182½ S. T. R.

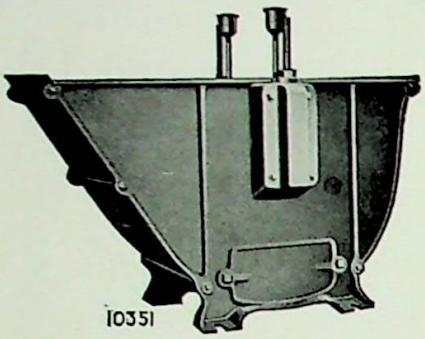




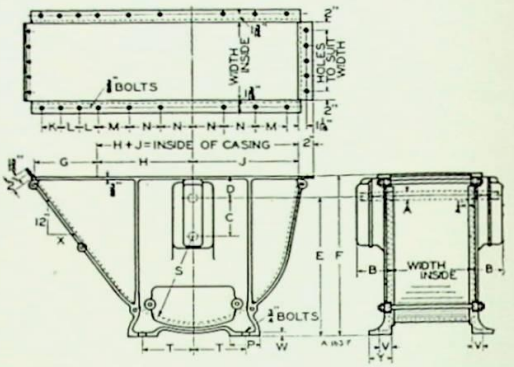
A Length	B Width	C Depth	Capacity in Cu. Feet	Gauge of Steel—List Price Each					Gauge of Steel—Weight in Lbs.				
				12	10	3/16"	¼"	5/16"	12	10	3/16"	¼"	5/16"
16	12	6	.306	$4.10	$ 4.70	$ 5.30			16.8	20.7	26.5		
18	12	6	.345	4.40	5.00	5.60			18.4	22.6	28.8		
20	12	6	.384	4.70	5.40	6.00			19.8	24.3	30.9		
22	12	6	.423	5.00	5.70	6.30			21.1	26.0	33.0		
24	12	6	.463	5.30	6.00	6.60			22.5	27.6	35.1		
18	14	7	.473	5.00	5.70	6.40			21.9	27.0	34.6		
20	14	7	.527	5.30	6.10	6.80			23.4	28.9	37.0		
24	14	7	.633	6.00	6.80	7.60			26.6	32.8	42.0		
28	14	7	.741	6.80	7.60	8.40			29.9	36.8	47.0		
20	16	8	.693	6.20	7.20	8.00			26.5	32.9	42.3		
24	16	8	.835	7.00	8.20	9.10			30.0	37.2	47.9		
28	16	8	.977	7.90	9.20	10.10			33.6	41.7	53.5		
32	16	8	1.116	8.90	10.20	11.10			37.1	46.0	59.0		
24	18	9	1.035		9.20	10.20	$11.80			45.6	57.9	74.6	
28	18	9	1.210		10.20	11.20	13.00			50.9	64.5	84.0	
32	18	9	1.383		11.20	12.20	14.20			56.3	71.2	91.5	
36	18	9	1.556		12.20	13.40	15.40			61.4	77.8	99.8	
26	20	10	1.390		10.60	11.90	13.80			53.5	68.3	88.1	
30	20	10	1.615		12.00	13.40	15.60			59.4	75.5	97.4	
36	20	10	1.940		13.80	15.80	18.60			68.0	86.3	111.2	
40	20	10	2.160		15.40	17.40	20.60			73.7	93.5	120.4	
30	24	12	2.290			16.00	19.00	$23.50			91.4	118.5	145.6
36	24	12	2.770			19.00	22.20	27.40			104.0	134.7	165.4
42	24	12	3.230			22.00	25.60	31.40			116.7	151.0	185.3
48	24	12	3.700			25.00	29.20	35.60			129.2	167.1	205.1

Jeffrey Elevator Boots

Cast Iron



The Standard Cast Iron Boot works in the same place with and has all the qualities of the steel boot. It is practically all built of cast iron with the exception of the renewable curved steel bottom plate and will withstand the corrosive action of such materials as wet ashes better than steel.



No. of Boot	Dimensions in Inches																			
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	S	T	V	W	X	Y
111	1 3/16	4 7/8	6	3 7/8	18 3/8	22 1/4	9	12	13	0	4 1/4	0	5	4	11	6 3/4	2	7/16	8 7/8	3
112	1 7/16	5 3/8	6 1/2	3 5/8	23 1/4	26 7/8	10	16	17	3	3	5	5	4 1/2	15	8 1/4	2	1/2	8 3/4	3 1/4
113	1 15/16	5 5/8	8	4 13/16	27 3/4	32 9/16	12	19	20	3 3/4	3 3/4	5 3/4	5 3/4	5	18	10	2 1/4	9/16	8 9/16	3 1/2
114	2 7/16	5 7/8	10	5 3/4	33	38 3/4	15	22	23	4 3/4	4 3/4	6 3/4	6 3/4	6	21	12	2 1/2	5/8	8 9/16	4

Width inside of Boot should be the same as width inside of elevator casing.

Nominal Width Inside = overall of buckets when hung on back or overall of chains when hung on ends + 3 inches for elevators up to 40 feet centers and 4 inches for elevators above 40 feet centers.

List Prices of Boots—Buckets Hung by Back to Belt or Chain

No. of Boot	Length and Projection of Bucket	†Diam. of Pulley or Sprocket	Diam. of Shaft Inches	Approx. Weight Lbs.	‡List Price without Pulley or Sprocket
111	3 x3	14	1 3/16	222	$ 71.00
	3 1/2 x3	13		224	
	4 x3	14		226	
	4 x3 1/2	13		226	
	4 1/2 x3	14	1 3/16	228	71.50
	4 1/2 x3 1/2	13		228	
	5 x3 1/2	13		230	
	5 x4	12		230	
	5 1/2 x4	12	1 3/16	232	72.00
	6 x4	12		234	
112	7 x4 1/2	18	1 7/16	320	87.00
	8 x5	17		325	87.50
	9 x5	17		330	88.00
	10 x5 1/2	16		335	88.50
113	10 x6	21	1 15/16	510	122.00
	10 x7	18		510	
	11 x6	21		515	
	11 x7	18		515	
113	12x 6	21	1 15/16	520	$123.50
	12x 7	18			
	14x 6	21	1 15/16	530	125.00
	14x 7	18			
	16x 6	21	1 15/16	540	126.50
	16x 7	18			
	18x 6	21	1 15/16	550	128.00
	18x 7	18			
	20x 6	21	1 15/16	560	130.00
	20x 7	18			
114	14x 8	22		800	171.00
	16x 8	22		820	173.00
	18x 8	22		840	175.00
	20x 8	22	2 7/16	860	177.00
	22x 8	22		880	179.00
	24x 8	22		900	181.00
	24x10	18		900	181.00

‡For price of Boot complete with Sprocket or Pulley add to above price the price of sprocket or pulley of equivalent diameter to that listed for the various sizes of buckets.

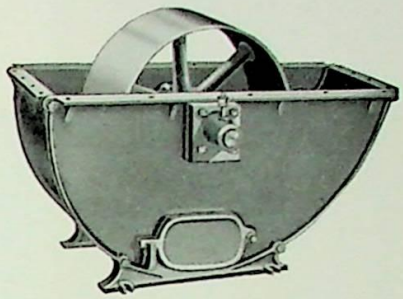
For Boots with centrally hung buckets add price of two Sprockets.

†Sizes of wheels listed, permit 3/4" for height of attachment back of buckets to center of chain.

Jeffrey Elevator Boots

Rigid Bearing Elevator Boots

This boot, designed for handling Ashes, Sand, Ores and similar gritty materials, is made in two sizes. It has heavy cast iron sides with ¼-inch steel bottom plate. The bearings are rigid and dust-proof for protection from wear of the abrasive materials handled.

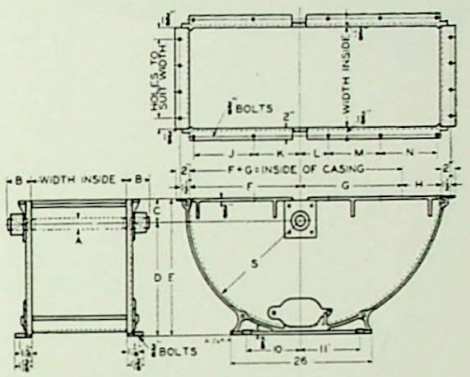


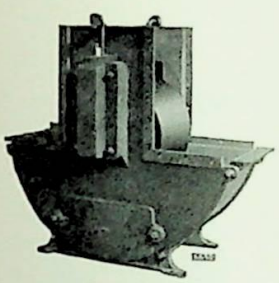
No. of Boot	Dimensions in Inches													
	A	B	C	D	E	F	G	H	J	K	L	M	N	S
57	2 7/16	3¾	4	20	24	20⅝	19½	6¾	11½	8⅝	5¼	9¾	10½	18½
58	2 7/16	4	4 9/16	21 7/16	26	20⅝	21¼	8¼	11½	8⅝	5¼	11¼	12	20¼

List Prices of Boots—Without Sprocket or Pulley

Boot No.	Length of Bucket	Dia. of Pulley or Sprocket	Approx. Weight Lbs.	List* Price
57	6″-7″	23″	375	$115.00
57	8″	21″	390	117.00
57	10″	19″	405	118.50
58	12″	21″	450	125.00
58	14″	21″	465	126.50
58	16″	19″	480	128.00
58	20″	19″	510	132.00

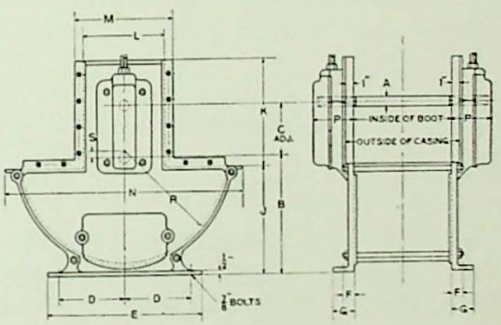
*Price includes boot complete with 2 7/16″ shaft and bearings but without pulley or sprocket. For price of boot complete with sprocket or pulley add to above price listed the price of sprocket or pulley of equivalent diameter to that listed for the various sizes of buckets.





Light Type Cast Iron Elevator Boots

A light weight elevator boot for use in the handling of Cotton Seed and other products of the same nature. It is used in connection with a double leg wood elevator casing.



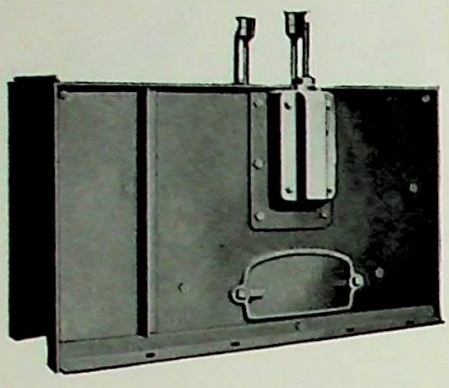
No. Boot	A	B	C	D	E	F	G	J	K	L	M	N	P	R	S
15	1 3/16	13⅜	6	8⅛	19	1⅜	2⅝	12¼	12¼	10	12	29¼	4 27/32	12⅞	7/8
16	1 7/16	14¾	6½	8⅞	20¾	1⅜	2⅝	13	15	11	13	33½	5⅜	15¼	1 9/16
17	1 15/16	16⅞	8	10	23	1⅜	2⅝	15⅜	15⅛	12⅝	14⅝	38	5⅝	17⅜	1 11/16

List Prices of Boots—Buckets Hung by Back to Belt or Chain

No. of Boot	Length and Projection of Bucket	Diam. of Pulley or Sprocket	Diam. of Shaft Inches	Approx. Weight Lbs.	List Price without Pulley or Sprocket
15	3 x3 4 x3½	12″	1 3/16	170	$51.00
	4½x3 5 x4	12″	1 3/16	175	51.50
	5½x4 6 x4	12″	1 3/16	186	52.00
16	7 x4½ 8 x5 9 x5 10 x5½	14″	1 7/16	215 220 225 230	57.50 58.00 58.50 59.00
17	10x6 11x7	16″	1 15/16	370	$85.00
	12x6 12x7			380	86.50
	14x6 14x7			390	88.00
	16x6 16x7			400	90.00
	18x6 18x7			410	92.00
	20x6 20x7			420	94.00

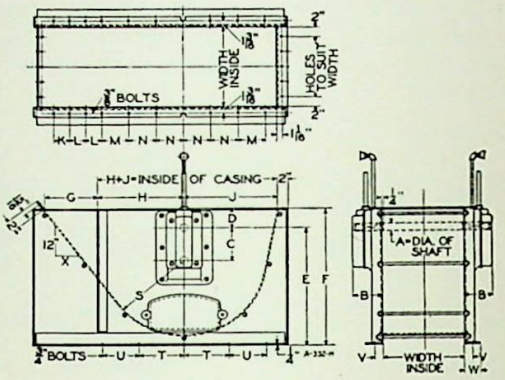
Jeffrey Elevator Boots

Steel



The Steel Boot is the most rigid in construction of all the boots and is well adapted to use with self supporting elevators with steel casings. Bearings are adjustable and the receiving throat is steeply sloped to insure flowing material being readily picked up.

It is dust tight and provided with large clean out doors on both sides. The flange or leg seat is perfectly flat and no special work is needed to fit the elevator leg.



No. of Boot	Dimensions—Inches																		
	A	B	C	D	E	F	G	H	J	K	L	M	N	S	T	U	V	W	X
1111	1 3/16	4 7/8	6	3 7/8	18 3/8	22 1/4	18 3/8	12	13	0	4 1/4	0	5	11	6 3/4	4 1/2	2	3	8 7/8
1112	1 7/16	5 3/8	6 1/2	3 5/8	23 1/4	26 7/8	23 1/4	16	17	3	3	5	5	15	8 1/4	6 3/4	2	3	8 3/4
1113	1 15/16	5 5/8	8	4 13/16	27 3/4	32 9/16	27 3/4	19	20	3 3/4	3 3/4	5 3/4	5 3/4	18	10	8	2 1/4	3	8 9/16
1114	2 7/16	5 7/8	10	5 3/4	33	38 3/4	33	22	23	4 3/4	4 3/4	6 3/4	6 3/4	21	12	9	2 1/2	3 1/2	8 9/16

Width inside of Boot should be the same as width inside of elevator casing.

Nominal Width Inside = overall of buckets when hung on back or overall of chains when hung on ends + 3 inches, for elevators up to 40 feet centers and 4 inches for elevators above 40 feet centers.

List Prices of Boots—Buckets Hung by Back to Belt or Chain

No. of Boot	Size Bucket	†Diam. of Pulley or Sprocket	Diam. of Shaft	Approx. Weight Lbs.	‡List Price Without Pulley or Sprocket
1111	3 x3	14	1 3/16	248	$71.00
	3 1/2 x3	13		250	
	4 x3	14		251	
	4 x3 1/2	13		251	
	4 1/2 x3	14	1 3/16	253	71.50
	4 1/2 x3 1/2	13		253	
	5 x3 1/2	13		255	
	5 x4	12		255	
	5 1/2 x4	12	1 3/16	257	72.00
	6 x4	12		258	
1112	7 x4 1/2	18	1 7/16	341	87.00
	8 x5	17		345	87.50
	9 x5	17		349	88.00
	10 x5 1/2	16		353	88.50
1113	10 x6	21	1 15/16	475	122.00
	10 x7	18		475	
	11 x6	21		480	
	11 x7	18		480	
1113	12x 6	21	1 15/16	485	$123.50
	12x 7	18		485	
	14x 6	21	1 15/16	496	125.00
	14x 7	18		496	
	16x 6	21	1 15/16	506	126.50
	16x 7	18		506	
	18x 6	21	1 15/16	517	128.00
	18x 7	18		517	
	20x 6	21	1 15/16	527	130.00
	20x 7	18		527	
1114	14x 8	22	2 7/16	719	171.00
	16x 8	22		740	173.00
	18x 8	22		761	175.00
	20x 8	22		782	177.00
	22x 8	22		803	179.00
	24x 8	22		824	181.00
	24x10	18		824	181.00

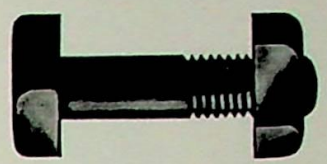
‡For price of Boot complete with Sprocket or Pulley add to above price the price of sprocket or pulley of equivalent diameter to that listed for the various sizes of buckets.

For Boots with centrally hung buckets add price of two Sprockets.

†Sizes of wheels listed, permit 3/4 inch for height of attachment back of buckets to center of chain.

Jeffrey Bolts for Elevators and Conveyors

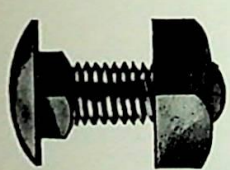
Square Head Machine Bolts with Cold Pressed Hexagon Nuts



List Price per 100

Length in In.	Diameter in Inches										
	3/16 & 1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4
3/4	$1.75	$ 2.50	$ 3.25	$ 5.15							
1	1.80	2.60	3.40	5.35	$ 6.50	$ 9.75					
1 1/4	1.90	2.70	3.55	5.55	6.70	10.00					
1 1/2	1.95	2.80	3.75	5.75	6.95	10.25	$13.55	$20.80	$29.05		
2	2.15	3.10	4.05	6.20	7.40	10.75	14.20	21.70	30.20		
2 1/2	2.35	3.35	4.40	6.70	7.85	11.25	14.85	22.60	31.35		
3	2.50	3.55	4.70	7.10	8.30	11.75	15.50	23.50	32.50	$51.90	$63.75
3 1/2	2.70	3.80	5.05	7.55	8.75	12.25	16.15	24.40	33.65	53.20	65.40
4	3.40	4.05	5.40	8.00	9.20	12.75	16.80	25.30	34.80	54.50	67.05
4 1/2	3.55	4.75	5.70	8.40	9.65	13.25	17.45	26.20	35.95	55.80	68.70
5	3.70	5.00	6.35	8.85	10.10	13.75	18.10	27.10	37.10	57.10	70.35
5 1/2	3.85	5.20	6.65	9.30	10.55	14.25	18.75	28.00	38.25	58.40	72.00
6	4.00	5.40	7.00	9.75	11.00	14.75	19.40	28.90	39.40	59.70	73.65
6 1/2	4.15	5.60	7.30	10.20	11.45	15.25	20.05	29.80	40.55	61.00	75.30
7	4.35	5.85	7.65	10.65	11.90	15.75	20.70	30.70	41.70	62.30	76.95
7 1/2	4.50	6.05	7.95	11.10	12.35	16.25	21.35	31.60	42.85	63.60	78.60
8	4.70	6.30	8.30	11.55	12.80	16.75	22.00	32.50	44.00	64.90	80.25
8 1/2	4.85	6.50	8.60	12.00	13.25	17.25	22.65	33.40	45.15	66.20	81.90
9	5.05	6.75	8.95	12.45	13.70	17.75	23.30	34.30	46.30	67.50	83.55
9 1/2	5.20	6.95	9.25	12.95	14.15	18.25	23.95	35.20	47.45	68.80	85.20
10	5.40	7.20	9.60	13.35	14.60	18.75	24.60	36.10	48.60	70.10	86.85
11	5.75	7.65	10.30	14.20	16.00	19.75	25.90	37.90	50.90	72.70	90.15
12	6.10	8.10	11.00	15.05	16.90	20.75	27.20	39.70	53.20	75.30	93.45
13	6.65	8.75	12.10	16.35	17.80	21.75	28.50	41.50	55.50	77.90	96.75
14	6.95	9.20	12.75	17.20	18.70	22.75	29.80	43.30	57.80	80.50	100.05
15	7.30	9.65	13.40	18.15	19.60	23.75	31.10	45.10	60.10	83.10	103.35
16	7.60	10.10	14.05	19.05	20.50	24.75	32.40	46.90	62.40	85.70	106.65

For Intermediate Lengths take next higher list. For Bolts with Countersunk Heads and Round Necks add to above List Price per 100; $1.50 for 1/2" diam., $2.25 for 5/8" diam., and $3.25 for 3/4" diam. For Countersunk Head Bolts with one slot across head, add to above List Price per 100; $3.75 for 1/2" diam., $5.50 for 5/8" diam., and $8.25 for 3/4" diam.



Carriage Bolt

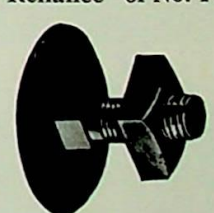
Standard Carriage Bolts

List Price per 100

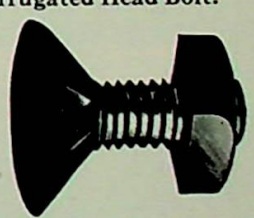
Length in In.	Diameter—Inches						
	With Square Nuts		With Cold Pressed Hexagon Nuts				
	3/16 & 1/4	5/16	3/8	7/16	1/2	9/16 & 5/8	3/4
3/4	$1.35	$1.90	$ 3.10				
1	1.40	2.00	3.25	$ 4.40	$ 6.10		
1 1/4	1.45	2.10	3.40	4.60	6.30	$10.00	
1 1/2	1.50	2.20	3.60	4.80	6.55	10.25	$15.00
2	1.65	2.40	3.90	5.25	7.00	10.75	15.75
2 1/2	1.85	2.65	4.25	5.75	7.45	11.25	16.35
3	2.00	2.85	4.55	6.15	7.90	11.75	17.00
3 1/2	2.20	3.10	4.90	6.60	8.35	12.25	17.65
4	2.90	3.35	5.25	7.05	8.80	12.75	18.30
4 1/2	3.05	4.05	5.55	7.45	9.25	13.25	18.95
5	3.20	4.30	6.15	7.90	9.70	13.75	19.60
5 1/2	3.35	4.50	6.45	8.35	10.15	14.25	20.25
6	3.50	4.70	6.80	8.80	10.60	14.75	20.90
6 1/2	3.65	4.90	7.10	9.25	11.05	15.25	21.55
7	3.85	5.15	7.45	9.70	11.50	15.75	22.20
7 1/2	4.00	5.35	7.75	10.15	11.95	16.25	22.85
8	4.20	5.60	8.10	10.60	12.40	16.75	23.50
8 1/2	4.35	5.80	8.40	11.05	13.35	17.25	24.10
9	4.55	6.05	8.75	11.50	13.80	17.75	24.80
9 1/2	4.70	6.25	9.05	11.95	14.25	18.25	25.45
10	4.90	6.50	9.40	12.40	14.70	18.75	26.10
11	5.25	6.95	10.10	13.25	15.60	19.75	27.40
12	5.60	7.40	10.80	14.10	16.50	20.75	28.70

Elevator Bolts

"Excelsior" or No. 2 Round Head Bolt.
"Reliance" or No. 4 Corrugated Head Bolt.



Excelsior Head



Reliance Head

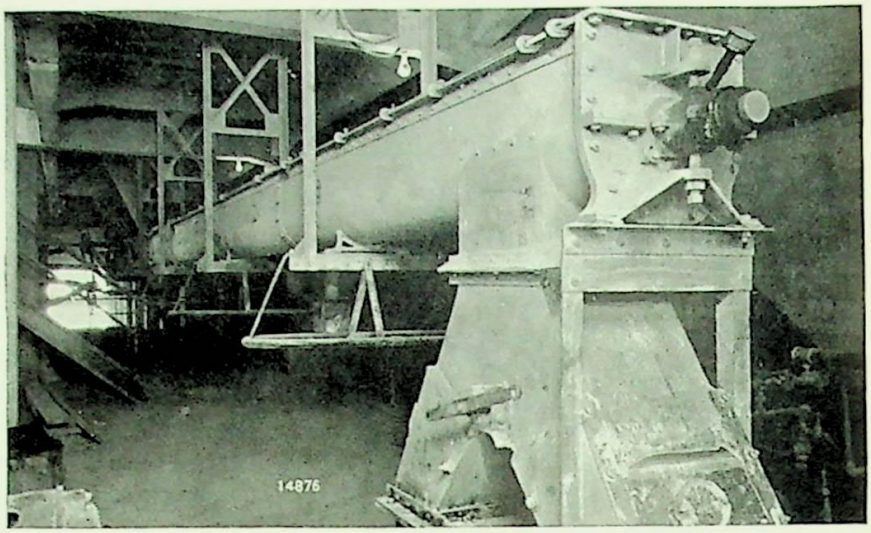
List Price per 100.

Length in Inches	Diameter in Inches		
	3/16 & 1/4	5/16	3/8
3/4	$3.30	$4.50	$6.00
7/8	3.45	4.75	6.40
1	3.45	4.75	6.40
1 1/4	3.60	5.00	6.80
1 1/2	3.75	5.25	7.20
1 3/4	3.90	5.50	7.60
2	4.05	5.75	8.00
2 1/4	4.20	6.00	8.40
2 1/2	4.35	6.25	8.80
2 3/4	4.50	6.50	9.20
3	4.65	6.75	9.60

For Intermediate Lengths, take next higher list.

Jeffrey Spiral Conveyors

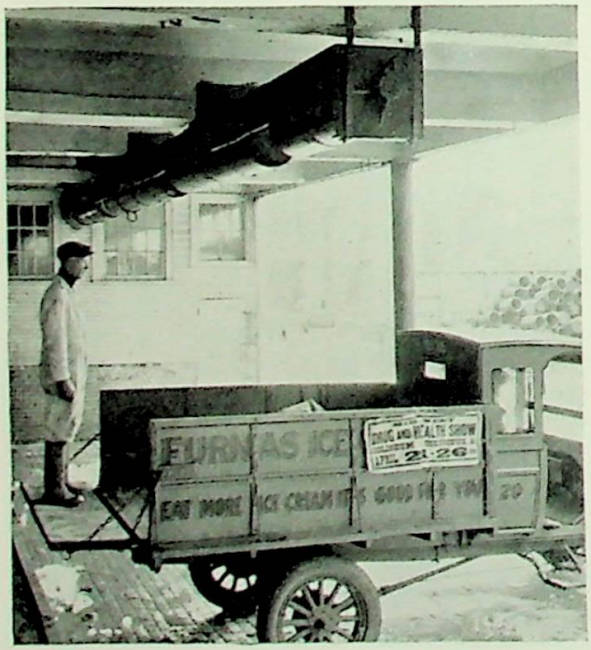
JEFFREY Spiral Conveyors are adapted to the handling of loose bulk materials which are not of a very gritty or sticky nature. This type of conveyor, having no return strand, can be installed in a minimum of space, under floors or roofs or through shallow roof trusses.



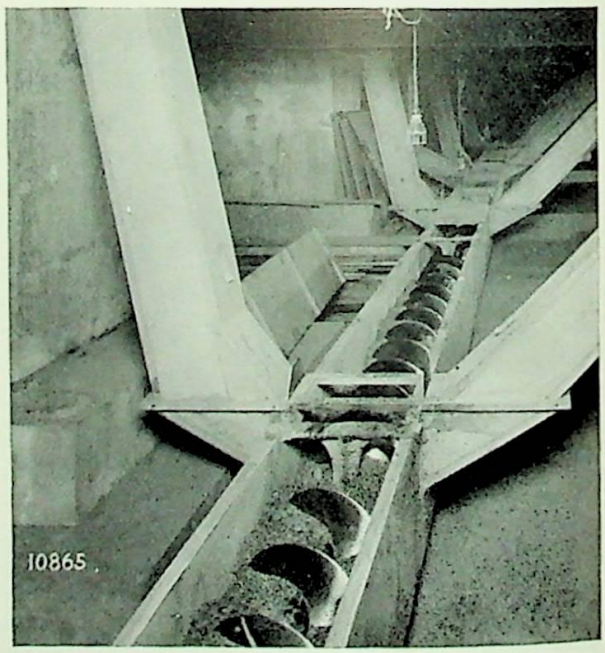
At the right, discharge end of a Jeffrey Spiral Conveyor in a Cement Plant.

The Spiral Conveyor can be fully enclosed which is often necessary when used to handle dusty or very fine material. Usually the Conveyor operates in a wood trough having a curved steel lining in the bottom although a steel trough is often used. It can be fed at any point along its length and discharged at many places through valves in the trough bottom.

The view at the left shows a Jeffrey Spiral Conveyor distributing materials to storage silos in a large stone quarry.



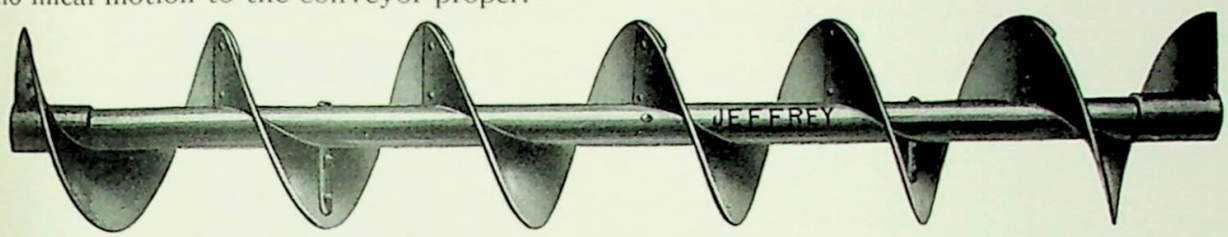
Handling crushed ice in an ice cream plant



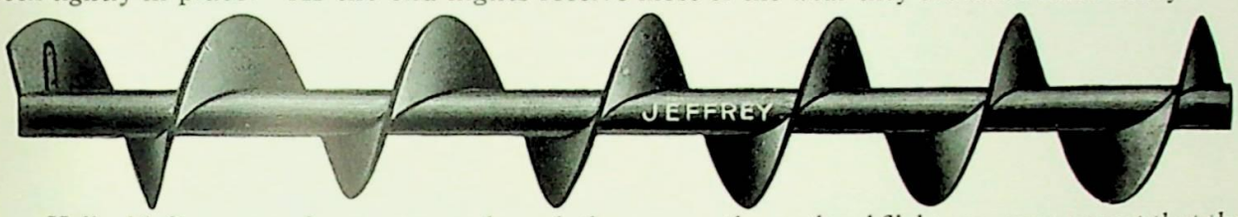
Conveying wheat in flour mill

Jeffrey Spiral Conveyors

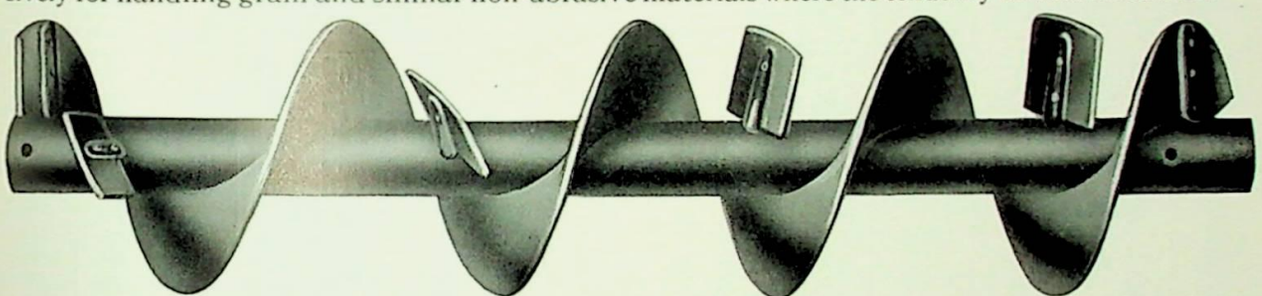
The Spiral Conveyor has the advantage of being the most simple of all conveying devices. There are no outside parts, and as it requires no return strand, it occupies the least space of any form of conveyor. The drive is confined to the turning of a shaft carrying the flights and there is no lineal motion to the conveyor proper.



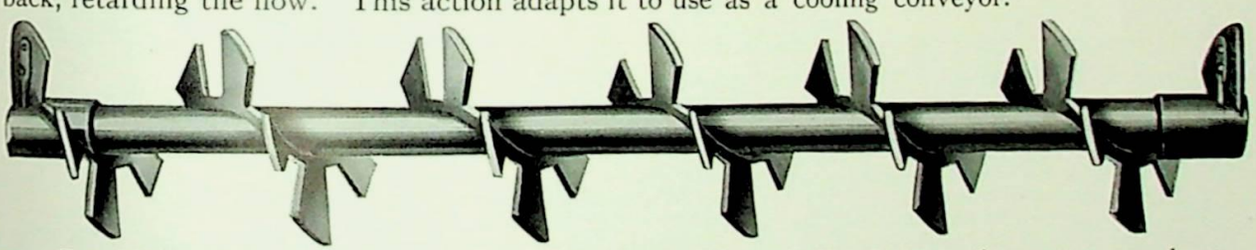
Jeffrey Sectional Flight Spiral is made of a series of single turns riveted together and securely mounted on a hollow shaft. The flights fit this shaft very closely, and after riveting together, lock tightly in place. As the end flights receive most of the wear they are made extra heavy.



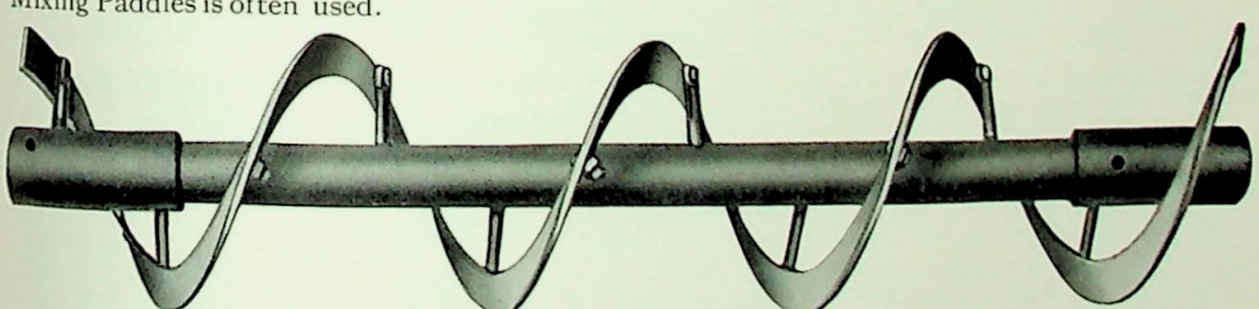
Helicoid Conveyor is constructed much the same as the sectional flight conveyor, except that the flight is rolled from a single, continuous strip of steel. It presents a smooth surface to the material handled on account of the absence of numerous center lugs and riveted joints. Helicoid is used extensively for handling grain and similar non-abrasive materials where the tendency to wear is reduced.



Spiral Conveyor having Mixing Paddles with surfaces pitched opposite to that of the flights is often used to mix two or more materials. The paddles stir up the material and throw part of it back, retarding the flow. This action adapts it to use as a cooling conveyor.



Cut Flight Spiral Conveyor is used to remove grit and dirt from grain, cotton seed, etc., usually in conjunction with perforated lining, and it also serves as a mixer. It will prevent the caking action of materials that have a tendency to pack. A combination of the Cut Flight and the Mixing Paddles is often used.



Ribbon Conveyor is particularly adapted to the handling of sticky materials, such as molasses, hot tar, asphalt and sugar which tend to collect where the flight of the regular conveyor joins the pipe. In the ribbon conveyor the clear space around the pipe avoids this.

The capacity of a ribbon conveyor is about the same as the solid flight of equal size, the action being to move the material forward in a solid stream.

Jeffrey Spiral Conveyors

SPIRAL Conveyors are made to carry loose bulk material which is not of a very gritty or sticky nature and of a maximum size not greater than one fourth the diameter of the spiral. The best service is rendered by a spiral conveyor handling lumpy, unsized or heavy abrasive materials such as Sand, Ashes, etc., when the depth of material does not exceed one-third the diameter of conveyor.

Ordinarily when handling non abrasive material of a size not greater than one-sixteenth the diameter of the conveyor, material should be fed uniformly so it will have a depth in the trough not greater than one-half the diameter of the Conveyor.

Grains and very light materials are often carried to a depth equal to the diameter of the spiral.

The Spiral Conveyor recommends itself for the handling of very fine and dusty materials as the trough can be fully enclosed. Ordinarily the Spiral Conveyor operates in a wood trough having a curved steel lining in the bottom, although a steel trough is often used.

The Spiral Conveyor can be fed at any point along its length and discharged at many places thru valves in the trough.

Spiral Conveyors should never be used to handle material likely to contain foreign substances such as scrap iron.

In selecting the size of a conveyor from the table below, it is always good practice and economy to use the next larger conveyor rather than to exceed "Sized Material" "Maximum Capacities" listed. In all cases the size of Conveyor should be governed by the maximum size piece rather than capacity. If then the capacity is greater than desired reduce the speed until the required capacity is reached. Do not run conveyors faster than necessary to obtain the capacity desired.

Dia. Conveyor Inches	Dia. Coupling Shaft Inches	Size of Pipe		Size Material		Kind Material—Gauge Flights—Max. Speeds—Capacities††								
						Light Non-Abrasive Material as Grain §			Heavy Non-Abrasive Material as Coal §			Heavy Abrasive Material as Sand and Ashes‡		
		Sectional Conveyor	Helicoid Conveyor	Max. Uniform Size **	Max. Unsized †	Gauge Flights	Max. Speed R.P.M.	Max. Cap'c'y Cu. Ft. Per Hr.	Gauge Flights	Max. Speed R.P.M.	Max. Cap'c'y Cu. Ft. Per Hr.	Gauge Flights	Max. Speed R.P.M.	Max. Cap'c'y Cu. Ft. Per Hr.
4	1	1	1¼	⅜	1	18	220	171	10	110	86	3/16	90	46
6	1½	1½	1¾	⅝	1½	16	200	528	10	100	264	3/16	80	138
9	1½	1½	2	¾	2¼	14	175	1659	10	85	806	3/16	70	405
9	2	2	2½	¾	2¼	12	175	1619	10	85	786	¼	70	405
10	1½	1½	2	⅞	2½	12	160	2096	10	80	1048	3/16	65	517
12	2	2	2½	1	3	12	150	3390	3/16	75	1695	¼	60	822
12	2 7/16	2½	3	1	3	12	150	3330	3/16	75	1665	¼	60	822
12	3	3	3½	1	3	12	150	3240	3/16	75	1620	5/16	60	822
14	2 7/16	2½	3	1⅛	3½	10	140	4018	1/16	70	2457	⅜	55	1199
16	3	3	3½	1⅜	4	10	130	6916	¼	65	3458	⅜	50	1630
16	3	4	4	1⅜	4	10	130	6685	¼	65	3341	⅜	50	1630
18	3	3	.....	1½	4½	10	120	9180	¼	60	4590	⅜	45	2083
18	3	4	.....	1½	4½	10	120	8900	¼	60	4590	⅜	45	2083
20	3	3	.....	1¾	5	3/16	115	12155	¼	55	5813	⅜	45	2862
20	3	4	.....	1¾	5	3/16	115	12155	¼	55	5813	⅜	45	2862

**About 90% of material of "Maximum Uniform Size" listed.

†Not more than 10% of the material to be of the "Maximum Unsized" listed.

††Capacities given are at maximum R. P. M. uniform and continuous flow of material for one hour. Other capacities directly proportional to speed. To maintain the listed capacities care must be taken that the quantities required can be fed to the conveyor under the operating conditions.

§Capacity figured with the depth of material equal to one-half diameter of conveyor.

‡Capacity figured with the depth of material equal to one-third diameter of conveyor.

When one conveyor discharges into another, the receiving conveyor, unless of larger diameter, should run 5 R. P. M. faster than the delivering conveyor and may exceed the maximum allowable speed by this amount.

The values given above are not given as specific rules but as guides in good general practice wherein there are acceptable variations depending upon the nature of the material handled, nature of the service, power consumption and the life of the conveyor.

For sticky materials consider use of Ribbon Conveyor. Information furnished upon request.

For wet gritty materials such as Ashes consider the use of Cast Iron Spiral Conveyor. Information furnished upon request.

Turning Spiral Conveyor end for end does not change it from one hand to the other but it does change the side of the flights working against the material.

Reversing the direction of rotation of a conveyor changes the direction in which the material travels.

Conveyors should operate with lugs on side opposite to the one in contact with the material.

Maximum angle of inclination with standard pitch 30 degrees.

Horse-power required for Spiral Conveyors.

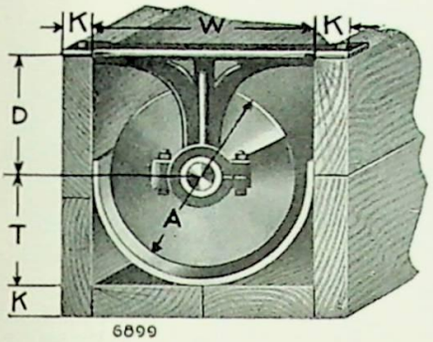
$$H.P. = \frac{F\ C\ L\ W}{33000}$$

C = Capacity of Conveyor in cu. ft. per minute.
L = Length of Conveyor in feet.
W = Weight of material in pounds per cu. ft.
F = 1.3 for light non-abrasive materials such as grain.
2.5 for heavy non-abrasive materials such as coal, cement, etc.
4.0 for heavy abrasive materials such as Sand, Ashes, etc.

The power required to drive a Spiral Conveyor depends entirely upon the nature of material handled. Therefore the above formula can be only approximately correct.

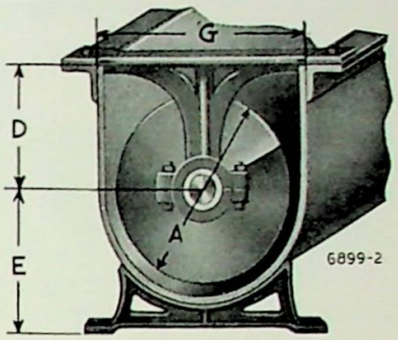
Jeffrey Spiral Conveyors

General Dimensions

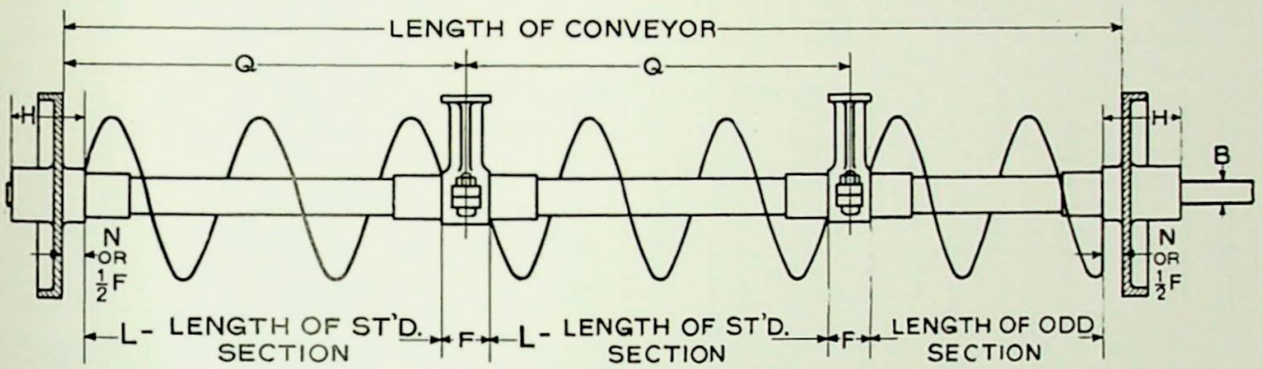


Wood Trough

The length of a Standard Section Q includes the length of one bearing.

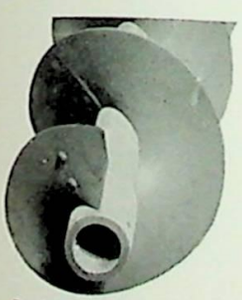


Steel Trough



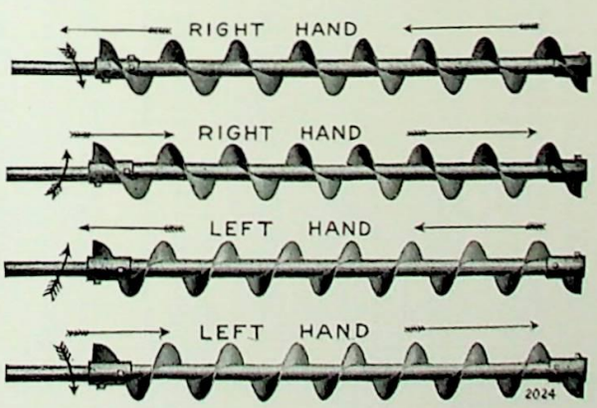
Dia. Conveyor Inches A	Diam. Coupling Shaft Inches B	Size of Pipe		D	E	F*	G	H	K	L	N	Q	T	W
		Sectional Conveyor	Helicoid Conveyor											
4	1	1	1¼	3⅜	3⅜	1½	5	2	⅞	7′-10½″	¾	8′-0″	2½	5
6	1½	1½	1¾	4½	5	2	7	3	⅞	9′-10″	1	10′-0″	3½	7
9	1½	1½	2	6¼	6½	2	10	3	1¼	9′-10″	1	10′-0″	5	10
9	2	2	2½	6¼	6½	2	10	4	1¼	9′-10″	1	10′-0″	5	10
10	1½	1½	2	7	7 9/16	2	11	3	1¼	9′-10″	1	10′-0″	5½	11
12	2	2	2½	9	9	2	13¼	4	1¾	11′-10″	1	12′-0″	6½	13
12	2 7/16	2½	3	9	9	2½	13¼	5	1¾	11′- 9½″	1¼	12′-0″	6½	13
12	3	3	3½	9	9	3	13¼	6	1¾	11′- 9″	1½	12′-0″	6½	13
14	2 7/16	2½	3	9¼	9⅜	2½	15½	5	1¾	11′- 9½″	1¼	12′-0″	7½	15
16	3	3	3½	11	10½	3	17½	6	1¾	11′- 9″	1½	12′-0″	8½	17
16	3	4	4	11	10½	3	17½	6	1¾	11′- 9″	1½	12′-0″	8½	17
18	3	3	.....	12½	11½	3	19½	6	1¾	11′- 9″	1½	12′-0″	9½	19
18	3	4	.....	12½	11½	3	19½	6	1¾	11′- 9″	1½	12′-0″	9½	19
20	3	3	.....	12½	12½	3	21½	6	1¾	11′- 9″	1½	12′-0″	10½	21
20	3	4	.....	12½	12½	3	21½	6	1¾	11′- 9″	1½	12′-0″	10½	21

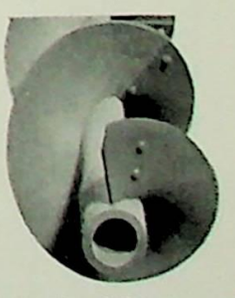
* Length of space occupied by hangers.



Left Hand Conveyor

When looking at the end of a spiral conveyor, if the spiral curves up towards the left it is a left hand conveyor.





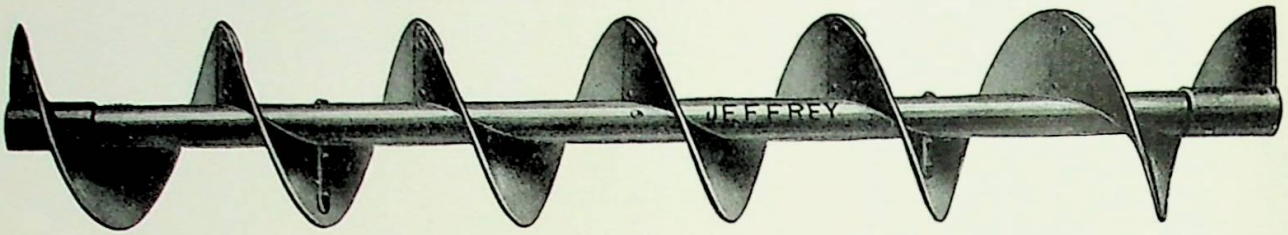
Right Hand Conveyor

When looking at the end of a spiral conveyor, if the spiral curves up towards the right it is a right hand conveyor.

Jeffrey Spiral Conveyors

Sectional Flights

Sectional Flight Spiral is made of a series of single spiral turns riveted together and securely mounted on a hollow shaft. End flights are extra heavy.



Standard Sectional Flight Conveyor

Diam. of Spiral Inches	Gauge of Flights		Diam. Pipe Inside Inches	Coupling Shaft Inches	List* Price Per Foot Black	Deduction per Foot of Conveyor if Fittings Not Furnished				Approx. Pitch Inches	Outside Diam. Pipe Inches	Length Standard Section Center to Center of Hanger Feet	Weight Per Foot	
	Center	Ends				Lining	Hanger	Coupling	Total				With Fittings	Without Fittings
4	18	10	1	1	$2.75	$0.14	$0.10	$0.06	$0.30	4	1 5/16	8	3.7	2.3
6	16	10	1½	1½	3.00	.16	.14	.08	.38	6	1⅞	10	6.3	4.1
9	14	10	1½	1½	4.00	.20	.20	.08	.48	9	1⅞	10	8.9	5.5
9	14	10	2	2	4.50	.20	.32	.12	.64	9	2⅜	10	10.0	6.5
10	14	10	1½	1½	4.50	.24	.24	.08	.56	10	1⅞	10	9.8	6.1
10	14	10	2	2	5.00	.24	.34	.12	.70	10	2⅜	10	11.0	7.0
12	12	5/16	2	2	5.00	.30	.30	.10	.70	12	2⅜	12	12.2	7.7
12	12	5/16	2½	2 7/16	6.00	.30	.36	.16	.82	12	2⅞	12	14.8	9.8
12	12	5/16	3	3	7.00	.30	.46	.24	1.00	12	3½	12	17.1	11.6
14	12	5/16	2½	2 7/16	7.50	.40	.48	.16	1.04	14	2⅞	12	17.3	11.8
14	10	5/16	3	3	8.50	.40	.58	.24	1.22	14	3½	12	20.7	13.6
16	10	5/16	3	3	9.00	.46	.62	.24	1.32	16	3½	12	23.4	14.3
18	10	5/16	3	3	11.00	.60	.70	.24	1.54	18	3½	12	27.9	16.3

*Price for GALVANIZED Conveyor will be quoted on application.
List Price includes Standard Gauge Curved Lining, one No. 13, 17 or 18 Hanger and one Coupling with each Standard (full length) section.
When Lengths shorter than Standard are ordered, no fittings will be furnished, unless so specified, for which an extra charge will be made.
In ordering state whether Right or Left Hand is wanted.

Heavy Sectional Flight Conveyor

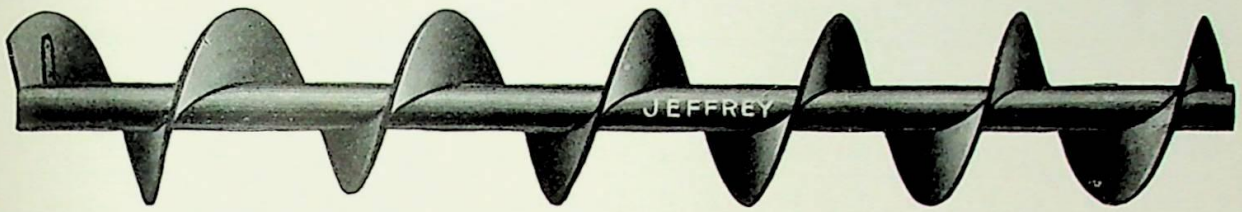
Diam. of Spiral Inches	Thickness of Flights	Diam. Pipe Inside Inches	Diam. Coupling Shaft Inches	List* Price per Foot Black	Add for Extra Heavy Pipe	Deduction per Foot of Conveyor if Fittings not Furnished			Approx. Pitch Inches	Outside Diam. Pipe Inches	Length Standard Section Center to Center of Hanger Feet	Weight per Foot	
						Hanger	Coupling	Total				With Fittings	Without Fittings
4	10	1	1	$3.00	$ .35	$ .10	$ .06	$ .16	4	1 5/16	8	3.9	3.3
4	5/16	1	1	3.25	.35	.10	.06	.16	4	1 5/16	8	4.4	3.8
4	¼	1	1	3.75	.35	.10	.06	.16	4	1 5/16	8	4.9	4.3
6	10	1½	1½	3.25	.50	.14	.08	.22	6	1⅞	10	6.1	5.1
6	5/16	1½	1½	4.00	.50	.14	.08	.22	6	1⅞	10	7.3	6.3
6	¼	1½	1½	5.00	.50	.14	.08	.22	6	1⅞	10	8.1	7.1
6	3/8	1½	1½	8.00	.50	.14	.08	.22	6	1⅞	10	9.7	8.7
9	10	1½	1½	4.25	.50	.20	.08	.28	9	1⅞	10	7.9	6.5
9	5/16	1½	1½	5.00	.50	.20	.08	.28	9	1⅞	10	9.6	8.2
9	¼	1½	1½	5.75	.50	.20	.08	.28	9	1⅞	10	11.4	10.0
9	10	2	2	5.00	.60	.32	.12	.44	9	2⅜	10	8.8	7.2
9	5/16	2	2	5.75	.60	.32	.12	.44	9	2⅜	10	10.5	8.9
9	¼	2	2	6.50	.60	.32	.12	.44	9	2⅜	10	13.2	11.6
9	3/8	2	2	8.50	.60	.32	.12	.44	9	2⅜	10	14.9	13.3
12	5/16	2	2	6.25	.60	.30	.10	.40	12	2⅜	12	14.0	11.9
12	¼	2	2	7.00	.60	.30	.10	.40	12	2⅜	12	16.5	14.4
12	5/16	3	3	7.50	1.20	.46	.24	.70	12	3½	12	18.7	14.9
12	¼	3	3	8.25	1.20	.46	.24	.70	12	3½	12	20.8	17.0
12	3/8	3	3	11.00	1.20	.46	.24	.70	12	3½	12	24.6	20.8
12	½	3½	3	16.00	1.60	.46	.24	.70	12	4	12	30.0	26.2
14	5/16	2½	2 7/16	8.00	.90	.48	.16	.64	14	2⅞	12	18.1	15.7
14	¼	2½	2 7/16	9.00	.90	.48	.16	.64	14	2⅞	12	20.8	17.8
14	5/16	3	3	9.00	1.20	.58	.24	.82	14	3½	12	20.1	16.8
14	¼	3	3	10.00	1.20	.58	.24	.82	14	3½	12	23.0	18.9
14	3/8	3	3	13.00	1.20	.58	.24	.82	14	3½	12	30.5	26.5
14	½	4	3	18.00	2.35	.58	.24	.82	14	4½	12	36.3	32.2
16	5/16	3	3	9.50	1.20	.62	.24	.86	16	3½	12	21.4	17.0
16	¼	3	3	10.50	1.20	.62	.24	.86	16	3½	12	25.2	20.8
16	3/8	3	3	14.00	1.20	.62	.24	.86	16	3½	12	32.8	28.4
16	½	4	3	20.00	2.35	.62	.24	.86	16	4½	12	40.4	36.0
18	5/16	3	3	12.00	1.20	.70	.24	.94	18	3½	12	25.1	19.9
18	¼	3	3	14.00	1.20	.70	.24	.94	18	3½	12	29.3	24.1
18	3/8	3½	3	19.00	1.20	.70	.24	.94	18	3½	12	40.8	35.6
18	½	4	3	25.00	2.35	.70	.24	.94	18	4½	12	44.2	40.0
20	5/16	3½	3	17.00	1.60	1.00	.24	1.24	18	4	12	30.3	24.3
20	¼	3½	3	19.00	1.60	1.00	.24	1.24	18	4	12	35.5	29.5
20	3/8	4	3 7/16	25.00	2.35	1.20	.32	1.52	18	4½	12	45.9	39.9
20	½	4	3 7/16	30.00	2.35	1.20	.32	1.52	18	4½	12	51.1	45.1
24	5/16	4	3 7/16	23.00	2.35	1.40	.32	1.72	18	4½	12	45.0	37.0
24	¼	4	3 7/16	25.00	2.35	1.40	.32	1.72	18	4½	12	51.0	43.0
24	3/8	4	3 7/16	35.00	2.35	1.40	.32	1.72	18	4½	12	55.0	48.0
24	½	4	3 7/16	45.00	2.35	1.40	.32	1.72	18	4½	12	68.0	60.0

*List Price includes one No. 13, 17 or 18 Hanger and Coupling with each standard (full length) section.
When lengths shorter than standard are ordered, no fittings will be furnished unless so specified, for which an extra charge will be made.
(No lining furnished with heavy conveyor).

Jeffrey Spiral Conveyors

Steel Helicoid Continuous Flight Conveyor

HELICOID Conveyor in the standard gauges is interchangeable with the corresponding size of Sectional Conveyor, that is, as the couplings are the same size for a given diameter of Conveyor the standard fixtures can be used with either type.



Sizes shown in **Bold Face Type** are **Carried in Stock** in Standard Lengths, flights and pipe.
Sizes shown in Regular Type are odd sizes, made on order only.

Standard Helicoid Conveyor

Diam. of Spiral Inches	Diam. Pipe Inside In.	Diam. Coupling Shaft In.	List* Price Per Foot Black	Deduction Per Foot of Conveyor if Fittings Not Furnished				Thickness of Flight, Inches		Approx. Pitch Inches	Outside Diam. Pipe Inches	Standard Length Section Center to Center of Hanger Feet	Weight Per Foot	
				Lining	Hanger	Coupling	Total	Next to Pipe	Outer edge				With Fittings	Without Fittings
4	1¼	1	$2.75	$0.14	$0.10	$0.06	$0.30	.125	.063	4½	1⅝	8	4.5	3.1
6	1¾	1½	3.00	.16	.14	.08	.38	.125	.078	6½	2⅛	10	7.0	4.8
9	2	1½	4.00	.20	.20	.08	.48	.187	.09	9½	2⅜	10	9.9	6.5
9SP	2½	2	4.50	.20	.32	.12	.64	.187	.09	9½	2⅞	10	11.3	7.6
10	2	1½	4.50	.24	.24	.08	.56	.218	.125	9½	2⅜	10	11.3	7.6
12	2½	2	5.00	.30	.30	.10	.70	.25	.125	12	2⅞	12	15.5	11.0
12SP	3	2 7/16	6.00	.30	.36	.16	.82	.25	.125	12	3½	12	18.1	12.5
14	3	2 7/16	7.50	.40	.48	.16	1.04	.25	.125	14½	3½	12	21.2	13.6
16	3½	3	9.00	.46	.62	.24	1.32	.31	.17	16½	4	12	26.5	17.4

*Prices for Galvanized Conveyor will be quoted on application.

List Price includes standard gauge curved lining, one No. 13, 17 or 18 Hanger and one coupling with each standard (full length) Section.

When lengths shorter than standard are ordered no fittings will be furnished, unless so specified, for which an extra charge will be made.

In ordering state whether Right or Left Hand is wanted.

Heavy Helicoid Conveyor

Diam. of Spiral Inches	Diam. Pipe Inside In.	Diam. Coupling Shaft In.	List* Price Per Foot Black	Add for Extra Heavy Pipe	Deduction Per Foot of Conveyor if Fittings Not Furnished			Thickness of Flight, Inches		Approx Pitch Inches	Outside Diam. Pipe Inches	Standard Length Section Center to Center of Hanger Feet	Weight Per Foot	
					Hanger	Coupling	Total	Next to Pipe	Outer edge				With Fittings	Without Fittings
4X	1¼	1	$3.00	$0.40	$0.10	$0.06	$0.16	3/16	.11	4½	1⅝	8	4.1	3.6
6X	1¾	1½	3.25	.60	.14	.08	.22	¼	.125	6½	2⅛	10	6.9	5.9
6XX	1¾	1½	4.00	.60	.14	.08	.22	⅜	.20	6½	2⅛	10	7.8	6.8
9X	2	1½	5.00	.60	.20	.08	.28	⅜	.172	9½	2⅜	10	10.9	9.5
9XX	2½	2	5.75	.90	.32	.12	.44	⅜	.19	9½	2⅞	10	13.3	11.2
9XXX	2½	2	6.50	.90	.32	.12	.44	½	.25	9½	2⅞	10	17.4	15.3
10XX	2½	2	6.50	.90	.34	.12	.46	⅜	.19	9½	2⅞	10	14.8	12.7
12X	2½	2	6.25	.90	.30	.10	.40	⅜	.17	12	2⅞	12	16.2	14.1
12XX	3	2 7/16	7.50	1.20	.36	.16	.52	⅜	.18	12	3½	12	18.8	15.6
12XXX	3½	3	8.25	1.60	.46	.24	.70	½	.25	12	4	12	22.0	18.2
12XXXX	3½	3	11.00	1.60	.46	.24	.70	¾	.37	12	4	12	29.6	25.8
14XX	3½	3	9.00	1.60	.58	.24	.82	7/16	.234	14½	4	12	23.9	20.4
16XXX	4	3	10.50	2.35	.62	.24	.86	½	.25	16½	4½	12	30.1	26.4
16XXXX	4 X. S.	3	16.00	2.35	.62	.24	.86	¾	.37	16½	4½	12	42.7	39.1

*List Price includes one No. 13, 17 or 18 Hanger and one coupling with each standard (full length) section.

(No lining furnished with heavy conveyor).

When lengths shorter than standard are ordered no fittings will be furnished, unless so specified, for which an extra charge will be made.

Jeffrey Spiral Conveyors

Sectional Conveyor Flights

In ordering flights be particular to state pitch of screw, inside or outside diameter of pipe, and whether right or left hand.

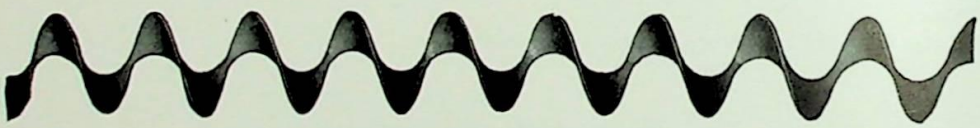
List Price of Flights

Size Inches	Standard Gauge		Approx. Pitch Inches	List Price Each Thickness of Flights—Inches								
	Center Flights	End		18 & 16 Gauge	14 Gauge	12 Gauge	10 Gauge	3/16"	1/4"	5/16"	3/8"	1/2"
4	18	16	4	$0.25	$0.35	$0.40	$0.55	$0.60	$ 0.80			
6	16	14	6	.45	.50	.60	.75	.85	1.05	$ 1.30	$ 1.75	
9	14	12	9	.....	.95	1.20	1.50	1.70	2.15	3.00	3.60	$ 5.50
10	12	10	10	.....	1.25	1.50	1.85	2.00	2.60	3.60	4.25	6.50
12	12	10	12	.....	.....	1.80	2.35	2.70	3.30	4.50	5.50	8.50
14	10	10	14	.....	.....	2.50	3.25	3.85	4.70	6.00	7.00	11.00
16	10	10	16	.....	.....	.....	4.00	4.80	6.00	.....	9.00	13.50
18	10	10	18	.....	.....	.....	5.60	6.75	8.00	.....	12.00	17.00
20	3/16	3/16	20	.....	.....	.....	.....	11.00	13.00	.....	17.00	22.00
24	.....	.....	.....	.....	.....	.....	.....	17.00	20.00	.....	27.00	35.00

Approximate Weight of Flights

Size Inches	Thickness of Flights—Weight Pounds Each								
	16 Gauge	14 Gauge	12 Gauge	10 Gauge	3/16"	1/4"	5/16"	3/8"	1/2"
4	.3	.38	.49	.65	.9	1.1	.....	.....	.....
6	.59	.75	.97	1.29	1.7	2.2	2.7	3.2	.....
9	.....	1.90	2.45	3.27	4.3	5.5	6.7	7.9	10.3
10	.....	2.22	2.86	3.81	5.0	6.7	8.4	10.1	13.5
12	.....	.....	4.23	5.64	7.2	9.7	11.2	12.7	19.4
14	.....	.....	.....	7.64	9.9	13.2	16.5	19.8	26.4
16	.....	.....	.....	10.23	12.0	16.5	21.0	25.5	34.5
18	.....	.....	.....	13.46	17.3	23.0	28.8	34.5	46.0
20	.....	.....	.....	.....	20.0	27.0	33.0	39.0	52.0

Helicoid Conveyor Flights



List Price and Dimensions

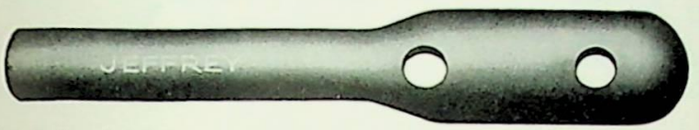
Diameter of Spiral Inches	Diameter Coupling Shaft Inches	Diameter Pipe Inside Inches	Thickness of Flight—Inches		Approx. Pitch Inches	List Price per Foot	Approx. Weight Pounds Per Foot
			Next to Pipe	Outer Edge			
4 Std.	1	1¼	.125	.05	4½	$0.50	.9
4 X	1	1¼	.1875	.11	4½	.80	1.6
6 Std.	1½	1¾	.125	.063	6½	.80	1.4
6 X	1½	1¾	.25	.125	6½	1.00	2.8
6 XX	1½	1¾	.375	.20	6½	1.50	4.2
9 Std.	1½	2	.1875	.10	9½	1.00	3.1
9 X	1½	2	.375	.172	9½	2.00	6.5
9 XX	2	2½	.375	.19	9½	2.00	6.0
10 Std.	1½	2	.1875	.093	9½	1.25	4.8
10 XX	2	2½	.375	.19	9½	2.25	7.6
12 Std.	2	2½	.25	.12	12	1.40	5.6
12 X	2	2½	.375	.17	12	2.50	8.5
12 XX	2 7/16	3	.375	.18	12	2.50	8.0
12 XXX	3	3½	.50	.25	12	3.50	10.0
14 Std.	2 7/16	3	.25	.12	14½	1.75	7.0
14 XX	3	3½	.44	.24	14½	3.25	11.0
16 Std.	3	3½	.31	.17	16½	2.50	10.0
16 XXX	3	4	.50	.25	16½	5.00	20.0

In ordering state whether Right or Left Hand is wanted.

Jeffrey Spiral Conveyors

Drop Forged Flight Supports or Lugs

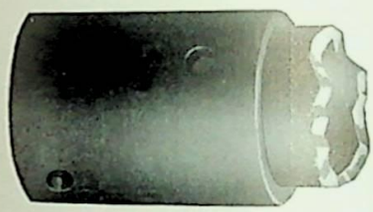
The end flights of conveyors are securely riveted to end lugs which are screwed into the thick collars on ends of hollow shafts. Intermediate flights are riveted to center lugs, spaced at proper intervals, which extend through both walls of hollow shafts and are then riveted.



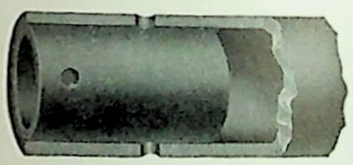
Center Lug

End Lug

Diameter and style of Conveyor and Pipe	Center Lugs		End Lugs		Diameter and style of Conveyor and Pipe	Center Lugs		End Lugs	
	Diam. Shank	Price Each	Diam. Shank	Price Each		Diam. Shank	Price Each	Diam. Shank	Price Each
4″ on 1″	3/8″	$0.10	1/2″	$0.20	12″ on 2 1/2″	5/8″	$0.35	7/8″	$0.50
4″ on 1 1/4″	3/8″	.10	1/2″	.20	12″ on 3″	5/8″	.35	7/8″	.50
6″ on 1 1/2″	1/2″	.20	1/2″	.20	12″ on 3 1/2″	5/8″	.35	7/8″	.50
6″ on 1 3/4″	1/2″	.20	1/2″	.20	14″ on 2 1/2″	5/8″	.35	7/8″	.50
9″ on 1 1/2″	1/2″	.25	3/4″	.45	14″ on 3″	5/8″	.35	7/8″	.50
9″ on 2″	1/2″	.25	3/4″	.45	14″ on 3 1/2″	5/8″	.35	7/8″	.50
9″ on 2 1/2″	1/2″	.25	3/4″	.45	16″ on 3″	5/8″	.40	7/8″	.60
10″ on 1 1/2″	1/2″	.25	3/4″	.45	16″ on 3 1/2″	5/8″	.40	7/8″	.60
10″ on 2″	1/2″	.25	3/4″	.45	16″ on 4″	5/8″	.40	7/8″	.60
10″ on 2 1/2″	1/2″	.25	3/4″	.45	18″ on 3″	5/8″	.40	7/8″	.60
12″ on 2″	1/2″	.25	7/8″	.50	18″ on 4″	5/8″	.40	7/8″	.60



External Collar



Internal Collar

Collars for Conveyor Pipes

External for Sectional Flight Conveyor				Internal for Helicoid Conveyor			
To fit Hollow Shaft of		Size Coupling	List Price Each	To fit Hollow Shaft of		Size Coupling	List Price Each
Nominal Inside Dia. Inches	Actual Outside Dia. Inches			Nominal Inside Dia. Inches	Actual Inside Dia. Inches		
1	1.315	1	$0.50	1 1/4	1.380	1	$0.50
1 1/2	1.900	1 1/2	1.00	1 3/4	1.813	1 1/2	.80
2	2.375	2	1.20	2	2.067	1 1/2	1.20
2 1/2	2.875	2 1/2	1.60	2 1/2	2.468	2	1.60
3	3.500	3	2.00	3	3.067	2 7/16	2.00
.....	.....	.....	.....	3 1/2	3.548	3	2.40
.....	.....	.....	.....	4	4.026	3	6.00

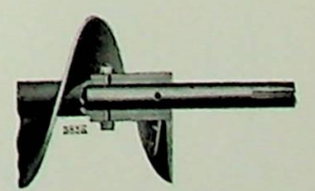
These collars are not drilled, and while of approximately correct dimensions, they require more or less blacksmith work to properly attach them to the Conveyor Shafts

Coupling and Drive Shafts

COUPLING SHAFTS			DRIVE END SHAFTS List Price Each—Drilled for Bolts without Keyway					Standard Tail End Shaft Drilled for Bolts List Price
Dia. Shaft Inches	Length Overall Inches	Coupling List Price Each	Projection From Pipe Inches	Diameter of Shaft 1″	1 1/2″	2″	2 7/16″	3″	
			6	$1.00	.....	.....	.....	.....	
1	7 1/2	$1.00	8	1.10	$1.90	.....	.....	.....	
1 1/2	12	1.75	9	1.15	2.00	.....	.....	.....	Deduct
1 1/2	12	1.75	12	1.25	2.30	$3.75	$5.75	$8.55	
2	12	3.00	14	1.35	2.55	4.10	6.25	9.35	25%
2	12	3.00	16	1.45	2.75	4.45	6.80	10.15	
2 7/16	12 1/2	4.00	18	1.55	3.00	4.85	7.35	11.00	from
2 7/16	12 1/2	4.00	24	1.85	3.60	5.90	8.95	13.40	
3	12 1/2	6.00	30	2.20	4.25	7.10	10.65	15.90	Coupling
3	12 1/2	6.00	36	2.50	4.80	8.15	12.20	18.25	
			48	3.10	6.15	10.25	15.35	23.00	Price
Projection for Std. Drive Shafts.....				6″	9″	10″	11″	12″	
Length over all Std. Drive Shafts....				9″	14″	15″	16″	17″	

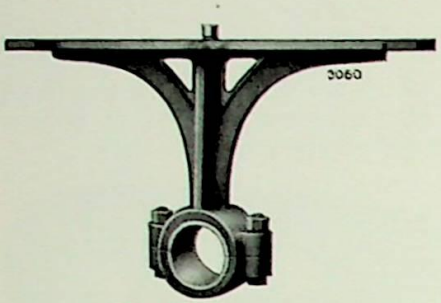
For **tail ends** longer than standard add per extras shown for drive shafts.

Coupling space between Conveyor section is for Hanger.

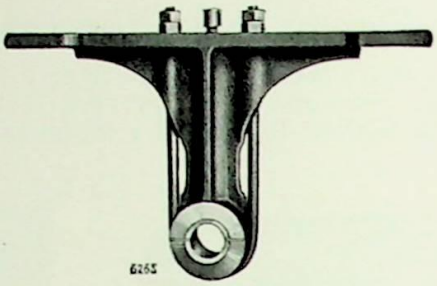


Drive end projections from pipe as listed are for average conditions. Change in projection made upon order.

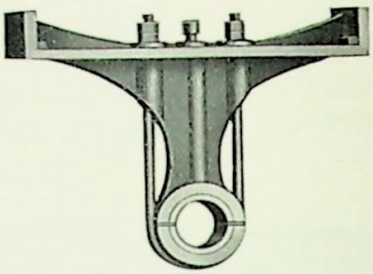
Jeffrey Spiral Conveyor Fittings



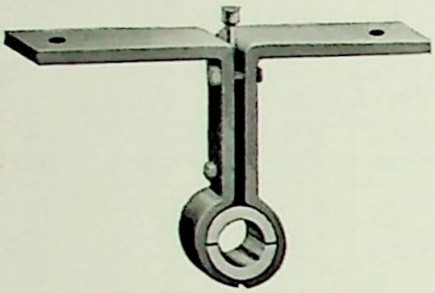
No. 13 Hanger



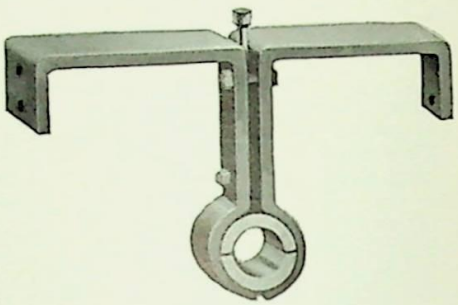
No. 17 Hanger



No. 18 Hanger



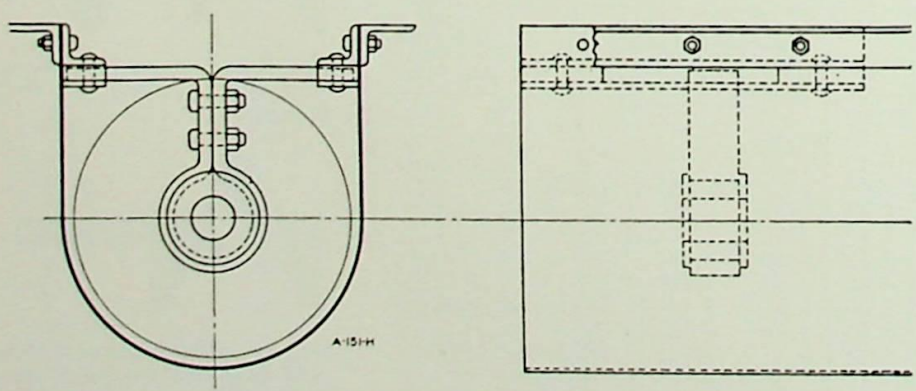
No. 20 Hanger
Chilled Cast Iron Bearing



No. 120 Hanger
Chilled Cast Iron Bearing

List Prices

Diam. Conveyor In.	Diam. Coupling In.	Hanger Complete List Price Each				Hanger Parts List Price Each		
		No. 13	Nos 17 and 18	No. 20	No. 120	Hanger Caps 13, 17, 18	Bearing Nos. 20, 120	U Bolts Nos. 17, 18
4	1	$ 2.00	$ 2.25	.....	.....	$0.50	.....	$0.30
6	1½	2.25	2.75	$ 8.00	$ 8.80	.75	$1.50	.35
9	1½	3.00	3.50	8.50	9.50	.75	1.50	.50
9	2	3.50	4.00	9.00	10.00	1.00	2.00	.50
10	1½	3.75	4.25	9.00	10.00	.75	1.50	.55
12	2	4.50	5.00	10.00	10.00	1.00	2.00	.65
12	2 7/16	6.00	6.50	10.50	12.00	1.50	3.00	.65
12	3	7.50	8.50	11.00	13.00	2.00	4.00	.65
14	2 7/16	7.50	8.00	12.50	14.00	1.50	3.00	.70
16	3	10.50	11.50	15.00	17.00	2.00	4.00	1.10
18	3	11.50	12.50	17.00	19.00	2.00	4.00	1.15
20	3	14.00	15.00	.....	.....	2.00	.....	1.20



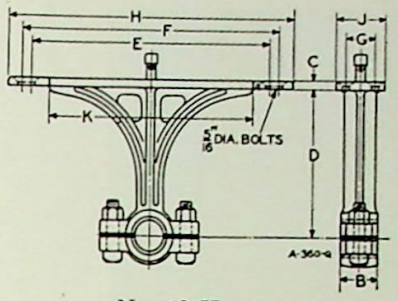
When handling material so hot as to make expansion a factor, the No. 20 hanger, made shorter than standard and set between angles as shown, overcomes this. Of course, in this case, end bearings can not be used at both ends.

Allow 5/8" expansion for each 50 degrees Fahrenheit above 100 degrees for each 100 feet of conveyor length. A maximum of 300 degrees Fahrenheit should not be exceeded.

Jeffrey Spiral Conveyor Fittings

No. 13 Hanger For Wood and Steel Trough

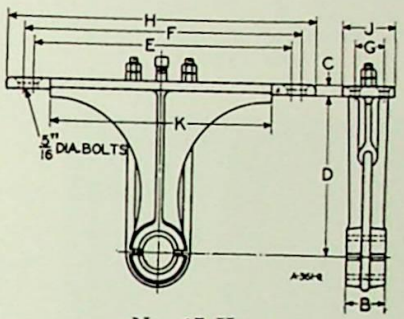
Diam. Conveyer In.	Diam. Coupling In.	Dimensions—Inches								
		B	C	D	E Wood Trough	F Steel Trough	G	H	J	K
4	1	1 3/8	1/4	3 3/8	5 3/4	6 3/8	.....	7 1/2	1 1/2	4 1/2
6	1 1/2	1 7/8	5/16	4 1/2	7 3/4	8 3/8	.....	9 1/2	1 7/8	6 1/2
9	1 1/2	1 7/8	3/8	6 1/4	11 1/4	12 1/4	1 1/4	13 5/8	2 1/4	9 1/2
9	2	1 7/8	3/8	6 1/4	11 1/4	12 1/4	1 1/4	13 5/8	2 1/2	9 1/2
10	1 1/2	1 7/8	3/8	7	12 1/4	13 1/4	1 1/2	14 5/8	2 1/2	10 1/2
12	2	1 7/8	7/16	9	14 3/4	15 1/2	1 3/4	17	2 3/4	12 1/2
12	2 7/16	2 3/8	7/16	9	14 3/4	15 1/2	1 3/4	17	2 3/4	12 1/2
12	3	2 7/8	1/2	9	14 3/4	15 1/2	1 3/4	17	3	12 1/2
14	2 7/16	2 3/8	1/2	9 1/4	16 3/4	17 3/4	2	19 1/4	3	14 3/4
16	3	2 7/8	1/2	11	18 3/4	19 3/4	2	21	3 1/4	16 3/4
18	3	2 7/8	9/16	12 1/2	20 3/4	22 1/4	2	24 3/8	3 1/2	18 3/4
20	3	2 7/8	5/8	12 1/2	22 3/4	24 1/4	2	26 1/4	3 1/2	20 3/4



No. 13 Hanger

No. 17 Hanger For Wood and Steel Trough

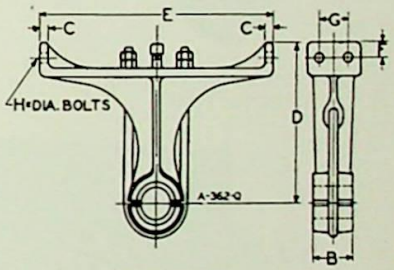
Diam. Conveyer In.	Diam. Coupling In.	Dimensions—Inches								
		B	C	D	E Wood Trough	F Steel Trough	G	H	J	K
4	1	1 3/8	5/16	3 3/8	5 3/4	6 3/8	.....	7 1/2	1 1/2	4 1/2
6	1 1/2	1 7/8	3/8	4 1/2	7 3/4	8 3/8	1 3/8	9 1/2	2 1/2	6 1/2
9	1 1/2	1 7/8	7/16	6 1/4	11 1/4	12 1/4	1 3/8	13 5/8	3	9 1/2
9	2	1 7/8	7/16	6 1/4	11 1/4	12 1/4	1 7/8	13 5/8	3	9 1/2
10	1 1/2	1 7/8	7/16	7	12 1/4	13 1/4	1 3/8	14 5/8	2 1/2	10 1/2
12	2	1 7/8	9/16	9	14 3/4	15 1/2	1 7/8	17	3 1/8	12 1/2
12	2 7/16	2 3/8	9/16	9	14 3/4	15 1/2	1 7/8	17	3 1/8	12 1/2
12	3	2 7/8	9/16	9	14 3/4	15 1/2	1 7/8	17	3 1/8	12 1/2
14	2 7/16	2 3/8	9/16	9 1/4	16 3/4	17 3/4	1 7/8	19 1/4	3 1/8	14 3/4
16	3	2 7/8	5/8	11	18 3/4	19 3/4	2	21	4 3/8	16 3/4
18	3	2 7/8	5/8	12 1/2	20 3/4	22 1/4	2	24 3/4	3 1/2	18 3/4
20	3	2 7/8	5/8	12 1/2	22 3/4	24 1/4	2	26 1/4	3 1/2	20 3/4



No. 17 Hanger

No. 18 Hanger For Wood Trough

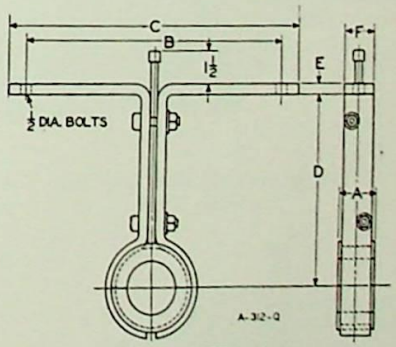
Diam. Conveyor In.	Diam. Coupling In.	Dimensions—Inches						
		B	C	D	E	F	G	H
4	1	1 3/8	3/8	3 3/8	5	11/16	1 3/8	5/16
6	1 1/2	1 7/8	3/8	4 1/2	7	11/16	1 3/8	3/8
9	1 1/2	1 7/8	3/8	6 1/4	10	11/16	1 3/8	3/8
9	2	1 7/8	3/8	6 1/4	10	3/4	1 5/8	1/2
10	1 1/2	1 7/8	3/8	7	11	11/16	1 3/8	3/8
12	2	1 7/8	7/16	9	13	3/4	1 5/8	1/2
12	2 7/16	2 3/8	1/2	9	13	7/8	2	5/8
12	3	2 7/8	1/2	9	13	7/8	2	5/8
14	2 7/16	2 3/8	1/2	9 1/4	15	7/8	2	5/8
16	3	2 7/8	1/2	11	17	7/8	2	5/8
18	3	2 7/8	9/16	12 1/2	19	7/8	2	5/8
20	3	2 7/8	9/16	12 1/2	21	7/8	2	5/8



No. 18 Hanger

No. 20 Hanger For Wood and Steel Trough

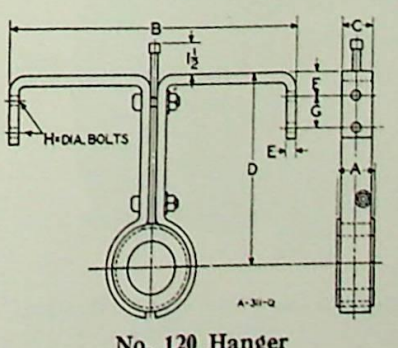
Diam. Conveyor In.	Diam. Coupling In.	Dimensions—Inches							
		A	B		C		D	E	F
			Wood Trough	Steel Trough	Wood Trough	Steel Trough			
6	1 1/2	1 7/8	7 3/4	8 3/8	8 3/4	9 1/2	4 1/2	3/8	1 1/2
9	1 1/2	1 7/8	11 1/4	12 1/4	12 1/2	13 1/2	6 1/4	1/2	1 1/2
9	2	1 7/8	11 1/4	12 1/4	12 1/2	13 1/2	6 1/4	1/2	1 1/2
10	1 1/2	1 7/8	12 1/4	13 1/4	13 1/2	15	7	1/2	1 1/2
12	2	1 7/8	14 3/4	15 1/2	16 1/2	17 1/4	9	1/2	1 1/2
12	2 7/16	2 3/8	14 3/4	15 1/2	16 1/2	17 1/4	9	1/2	1 3/4
12	3	2 7/8	14 3/4	15 1/2	16 1/2	17 1/4	9	1/2	2
14	2 7/16	2 3/8	16 3/4	17 3/4	18 1/2	19 1/2	9 1/4	1/2	1 3/4
16	3	2 7/8	18 3/4	19 3/4	20 1/2	21 1/2	11	1/2	2
18	3	2 7/8	20 3/4	22 1/4	22 1/2	24 1/4	12 1/2	1/2	2



No. 20 Hanger

No. 120 Hanger For Wood and Steel Trough

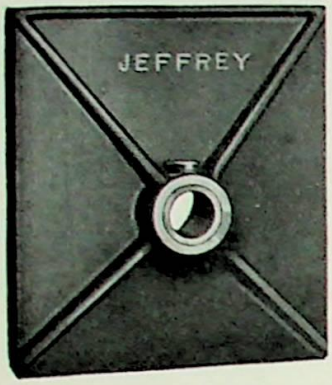
Diam. Conveyor In.	Diam. Coupling In.	Dimensions—Inches							
		A	B	C	D	E	F	G	H
6	1 1/2	1 7/8	6 3/4	1 1/2	4 1/2	3/8	3/4	1 1/4	3/8
9	1 1/2	1 7/8	9 5/8	1 1/2	6 1/4	1/2	7/8	1 1/2	3/8
9	2	1 7/8	9 5/8	1 1/2	6 1/4	1/2	7/8	1 1/2	3/8
10	1 1/2	1 7/8	10 5/8	1 1/2	7	1/2	1	1 1/2	1/2
12	2	1 7/8	12 3/4	1 1/2	9	1/2	1 1/8	1 1/2	1/2
12	2 7/16	2 3/8	12 3/4	1 3/4	9	1/2	1 1/8	1 1/2	1/2
12	3	2 7/8	12 3/4	2	9	1/2	1 1/8	1 1/2	1/2
14	2 7/16	2 3/8	15	1 3/4	9 1/4	1/2	1 3/8	2	5/8
16	3	2 7/8	17	2	11	1/2	1 3/8	2 1/2	5/8
18	3	2 7/8	19	2	12 1/2	1/2	1 3/8	2 1/2	5/8



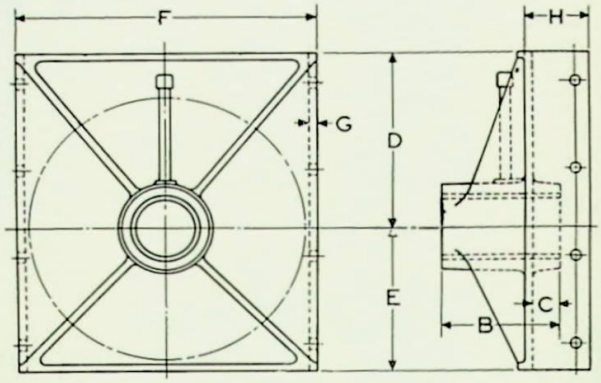
No. 120 Hanger

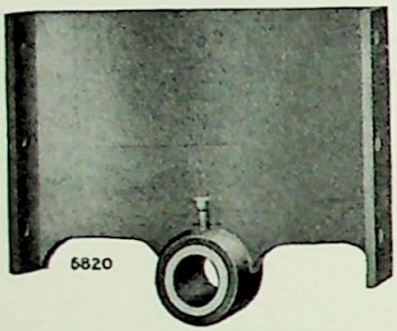
Jeffrey Spiral Conveyor Fittings

End Bearings for Wood Trough

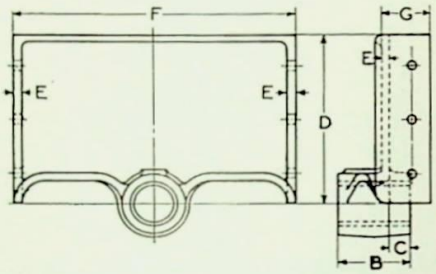


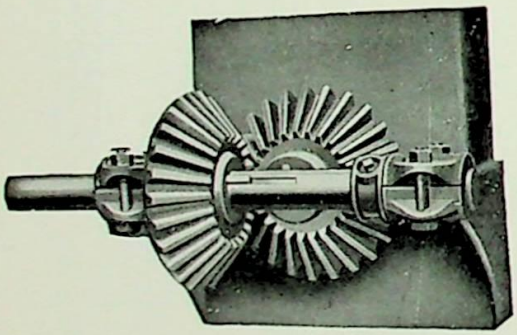
Plain End Bearing
Inside Type



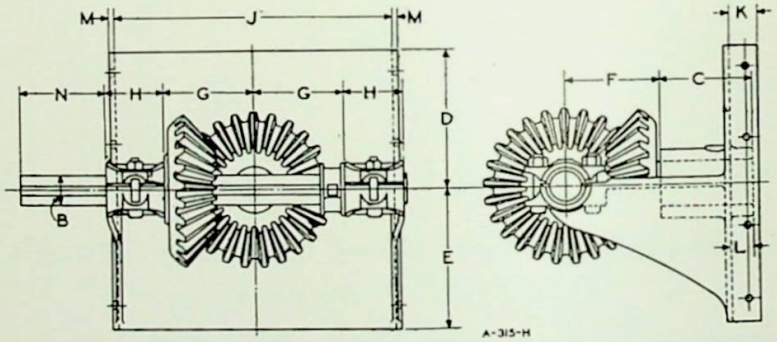


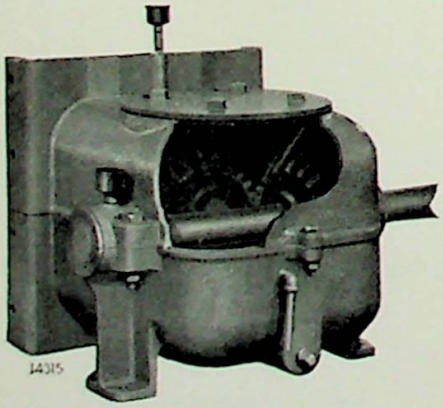
Discharge End Bearing
Inside Type



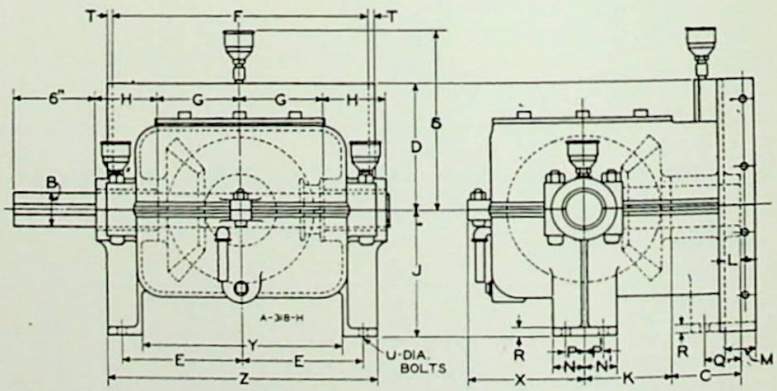


Countershaft End Bearing
Outside Type





Enclosed Countershaft End Bearing
Outside Type



Jeffrey Spiral Conveyor Fittings

End Bearings for Wood Trough

List Prices and Dimensions of Plain End Bearings

Diam. Conveyor In.	Diam. Coupling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches						
				B	C	D	E	F	G	H
4	1	$ 2.00	5	2	11/16	3 3/8	2 1/2	5	1/4	1 5/8
6	1 1/2	3.00	8	3	15/16	4 1/2	3 1/2	7	1/4	1 5/8
9	1 1/2	4.50	14	3	15/16	6 1/4	5	10	5/16	2
9	2	5.00	22	4	15/16	6 1/4	5	10	5/16	2
10	1 1/2	5.50	23	3	15/16	7	5 1/2	11	5/16	2 1/16
12	2	8.00	29	4	15/16	9	6 1/2	13	5/16	2 1/8
12	2 7/16	9.00	40	5	1 3/16	9	6 1/2	13	5/16	2 1/8
12	3	10.00	44	6	1 7/16	9	6 1/2	13	5/16	2 1/8
14	2 7/16	11.50	50	5	1 3/16	9 1/4	7 1/2	15	5/16	2
16	3	14.00	75	6	1 7/16	11	8 1/2	17	3/8	2
18	3	17.00	85	6	1 7/16	12 1/2	9 1/2	19	3/8	2
20	3	21.00	100	6	1 7/16	12 1/2	10 1/2	21	3/8	2

List Prices and Dimensions of Discharge End Bearings

Diam. Conveyor In.	Diam. Coupling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches					
				B	C	D	E	F	G
4	1	$ 1.75	4	2	11/16	3 3/8	1/4	5	1 5/8
6	1 1/2	2.75	7	3	15/16	4 1/2	1/4	7	1 5/8
9	1 1/2	4.00	12	3	15/16	6 1/4	5/16	10	2
9	2	4.50	15	4	15/16	6 1/4	5/16	10	2
10	1 1/2	5.00	15	3	15/16	7	5/16	11	2 1/16
12	2	7.00	23	4	15/16	9	5/16	13	2 1/8
12	2 7/16	8.00	35	5	1 3/16	9	5/16	13	2 1/8
12	3	9.00	40	6	1 7/16	9	5/16	13	2 1/8
14	2 7/16	10.00	45	5	1 3/16	9 1/4	5/16	15	2
16	3	12.50	60	6	1 7/16	11	3/8	17	2
18	3	15.00	70	6	1 7/16	12 1/2	3/8	19	2
20	3	18.00	90	6	1 7/16	12 1/2	3/8	21	2

List Prices and Dimensions of Countershaft End Bearings

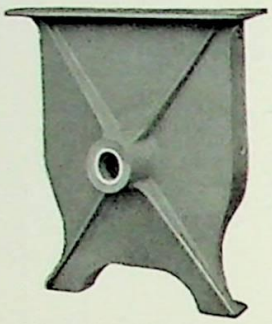
Diam. Conveyor In.	Diam. Coupling In.	List Price Each Complete	Approx. Weight Lbs.	Dimensions—Inches											
				B	C	D	E	F	G	H	J	K	L	M	N
4	1	$ 21.00	28	1	2	3 3/8	3 3/8	3 1/2	3 1/2	2	6 3/4	1 5/8	11/16	1/4	4
6	1 1/2	27.00	67	1 1/2	3	4 1/2	4 3/8	4 5/8	4 15/16	3	8 3/4	2	15/16	1/4	6
9	1 1/2	33.00	78	1 1/2	3	6 1/4	6 1/4	3 11/16	4 1/2	3	12 1/2	2	15/16	1/4	6
9	2	39.00	138	2	4	6 1/4	6 1/4	5 11/16	6	4	12 1/2	2	15/16	5/16	6
10	1 1/2	43.00	95	1 1/2	3	7	6 3/4	3 11/16	4 5/16	3	13 1/2	2	15/16	3/8	6
12	2	54.00	159	2	4	9	8 1/4	5 1/16	6	4	16 1/2	2 3/8	15/16	3/8	6
12	2 7/16	63.00	225	2 7/16	5	9	8 1/4	6	6	4 1/2	16 1/2	2 3/8	1 3/16	3/8	6
12	3	72.00	270	3	6	9	8 1/4	5 13/16	6 1/16	4 1/2	16 1/2	2 3/8	1 7/16	3/8	6
14	2 7/16	75.00	245	2 7/16	5	9 1/4	9 1/4	6	6	4 1/2	18 1/2	2 3/8	1 3/16	3/8	6
16	3	126.00	360	3	6	11	10 1/4	9 1/2	9 1/2	4 1/2	20 1/2	1 5/8	1 7/16	3/8	6

List Prices and Dimensions of Enclosed Countershaft End Bearings

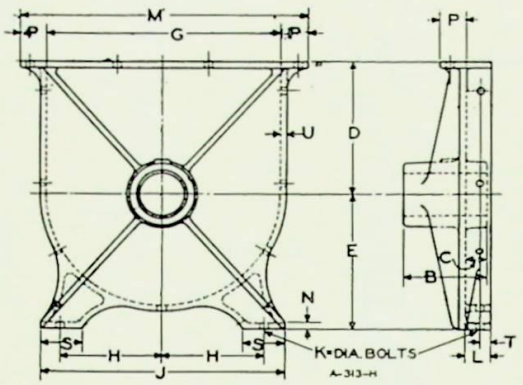
Diam. Conveyor In.	Diam. Coupling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches																				
				B	C	D	E	F	G	H	J	K	L	M	N	NI	P	PI	Q	R	S	T	U	X	Y	Z
6	1 1/2	$46.00	120	1 1/2	3	4 1/2	5 13/16	8 3/4	3 11/16	3	4 3/8	3 11/16	11/16	2	1 7/8	3/8	1	0	0	1/2	7	1/4	1/2	4 3/4	8 7/8	13 3/8
9	1 1/2	56.00	160	1 1/2	3	6 1/4	6 1/16	12 1/2	4 5/8	3	6 3/4	4 5/8	11/16	2	2	2	1 1/8	1 1/8	0	1/16	9 1/4	1/4	1/2	6 3/8	10	14 3/4
12	2	92.00	300	2	4	9	8 1/16	16 1/2	6	4	8 3/4	6	11/16	2 3/8	2	2	1 1/8	1 1/8	0	1/16	12	3/8	1/2	8 1/2	13 1/4	18
14	2 7/16	121.00	500	2 7/16	5	9 1/4	8 3/4	18 1/2	5 13/16	4 1/2	9 1/4	5 13/16	1 3/16	2 1/4	2 1/4		1 1/4	0	2 11/16	5/8	12	5/8	5/8	8	15 3/8	19 1/2
16	3	205.00	700	3	6	11	11 3/4	20 1/2	9 1/2	4 1/2	10 1/2	9 1/2	1 7/16	2 1/4	2 1/4		1 1/8	0	2 11/16	5/8	13	5/8	5/8	11 1/4	19 1/2	24 1/2

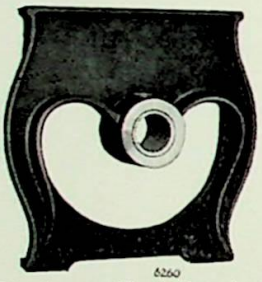
Jeffrey Spiral Conveyor Fittings

End Bearings for Steel Trough (Outside Type)

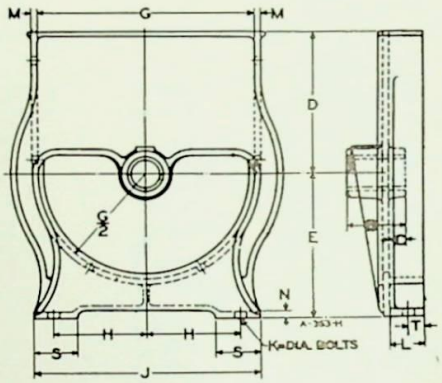


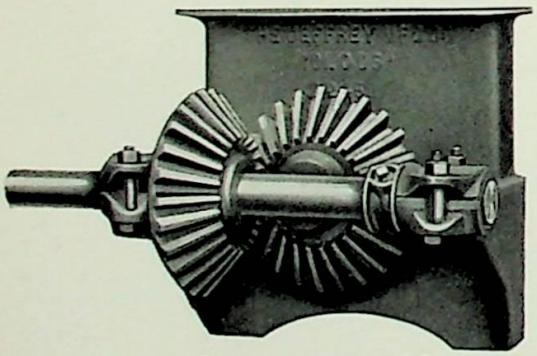
Plain End Bearing



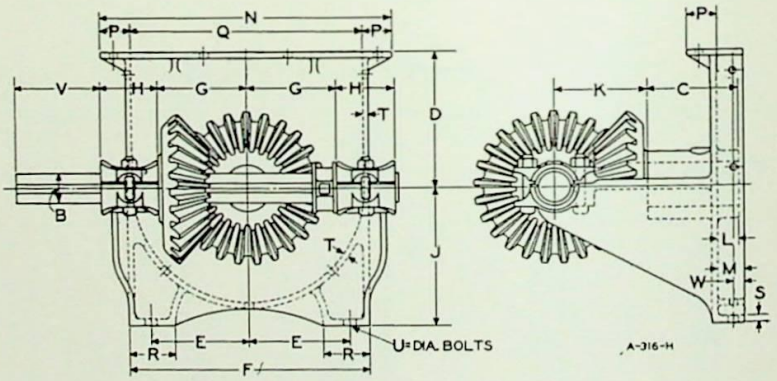


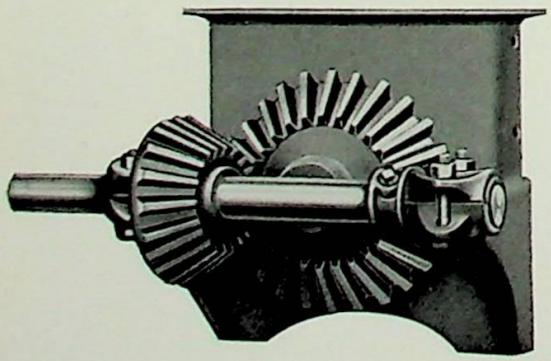
Discharge End Bearing



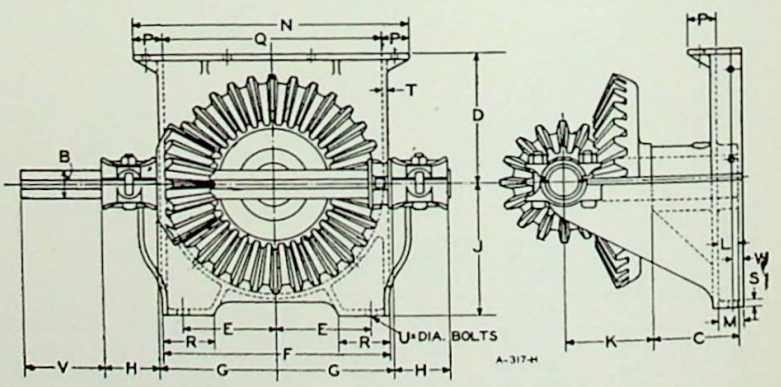


Countershaft End Bearing





2 to 1 Reduction End Bearing



Jeffrey Spiral Conveyor Fittings

End Bearings for Steel Trough

List Prices and Dimensions of Plain End Bearings

Diam. Conveyor In.	Diam. Coupling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches													
				B	C	D	E	G	H	J	K	L	M	N	P	S	T	U
4	1	$3.00	7	2	11/16	3 3/8	3 3/8	5	2	5 3/8	3/8	1 1/2	7 1/2	1/4	1 1/4	1 1/2	5/8	1/4
6	1 1/2	4.00	15	3	15/16	4 1/2	5	7	3	7 1/2	3/8	1 5/8	9 1/2	3/8	1 1/4	1 3/4	5/8	1/4
9	1 1/2	7.00	20	3	15/16	6 1/4	6 1/2	10	4 3/8	10 1/2	1/2	1 11/16	14	3/8	2	2 1/8	3/4	5/16
9	2	7.50	25	4	15/16	6 1/4	6 1/2	10	4 3/8	10 1/2	1/2	1 11/16	14	3/8	2	2 1/8	3/4	5/16
10	1 1/2	8.00	26	3	15/16	7	7 9/16	11	4 3/4	11 1/2	1/2	1 11/16	15	3/8	2	2 1/4	3/4	5/16
12	2	10.00	38	4	15/16	9	9	13 1/4	5 3/4	13 3/4	1/2	1 11/16	17 1/4	3/8	2	2 1/2	3/4	5/16
12	2 7/16	12.00	43	5	1 3/16	9	9	13 1/4	5 3/4	13 3/4	1/2	1 11/16	17 1/4	3/8	2	2 1/2	3/4	5/16
12	3	14.00	46	6	1 3/16	9	9	13 1/4	5 3/4	13 3/4	1/2	1 11/16	17 1/4	3/8	2	2 1/2	3/4	5/16
14	2 7/16	16.00	48	5	1 3/16	9 1/4	9 3/8	15 1/2	6 3/4	16 1/8	5/8	1 3/16	19 1/2	7/16	2	2 3/4	3/4	5/16
16	3	22.00	76	6	1 7/16	11	10 1/2	17 1/2	7 3/4	18 1/8	5/8	1 3/4	21 1/2	1/2	2	3	3/4	3/8
18	3	25.00	94	6	1 7/16	12 1/2	11 1/2	19 1/2	8 3/4	20 1/8	5/8	1 7/8	24 1/2	1/2	2 1/2	3	3/4	3/8
20	3	30.00	100	6	1 7/16	12 1/2	12 1/2	21 1/2	8 3/4	22 1/8	5/8	1 7/8	26 1/2	1/2	2 1/2	3	3/4	3/8

List Prices and Dimensions of Discharge End Bearings

Diam. Conveyor In.	Diam. Coupling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches													
				B	C	D	E	G	H	J	K	L	M	N	S	T	
4	1	$ 3.00	7	2	11/16	3 3/8	3 3/8	5	2	5 3/8	3/8	1 1/2	1/4	1/4	1 1/2	5/8	
6	1 1/2	4.00	15	3	15/16	4 1/2	5	7	3	7 1/2	3/8	1 5/8	1/4	3/8	1 3/4	5/8	
9	1 1/2	7.00	20	3	15/16	6 1/4	6 1/2	10	4 3/8	10 1/2	1/2	1 11/16	5/16	3/8	2 1/8	3/4	
9	2	7.50	25	4	15/16	6 1/4	6 1/2	10	4 3/8	10 1/2	1/2	1 11/16	5/16	3/8	2 1/8	3/4	
10	1 1/2	8.00	26	3	15/16	7	7 9/16	11	4 3/4	11 1/2	1/2	1 11/16	5/16	3/8	2 1/4	3/4	
12	2	10.00	38	4	15/16	9	9	13 1/4	5 3/4	13 3/4	1/2	1 11/16	5/16	3/8	2 1/2	3/4	
12	2 7/16	12.00	43	5	1 3/16	9	9	13 1/4	5 3/4	13 3/4	1/2	1 11/16	5/16	3/8	2 1/2	3/4	
12	3	14.00	46	6	1 7/16	9	9	13 1/4	5 3/4	13 3/4	1/2	1 11/16	5/16	3/8	2 1/2	3/4	
14	2 7/16	16.00	48	5	1 3/16	9 1/4	9 3/8	15 1/2	6 3/4	16 1/8	5/8	1 13/16	5/16	7/16	2 3/4	3/4	
16	3	22.00	76	6	1 7/16	11	10 1/2	17 1/2	7 3/4	18 1/8	5/8	1 3/4	3/8	1/2	3	3/4	

List Prices and Dimensions of Countershaft End Bearings

Diam. Conveyor In.	Diam. Coupling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches																		
				B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W
4	1	$21.00	28	1	2	3 3/8	2	5 3/8	3 1/2	2	3 3/8	3 1/2	11/16	1 1/2	7 1/2	1 1/4	5	1 1/2	1/4	1/4	3/8	4	5/8
6	1 1/2	27.00	67	1 1/2	3	4 1/2	2 13/16	7 1/2	4 7/16	3	5	4 5/8	5/8	1 5/8	9 1/2	1 1/4	7	1 7/8	1/16	1/4	1/2	6	3/4
9	1 1/2	33.00	78	1 1/2	3	6 1/4	4	10 1/2	4 1/2	3	6 1/2	3 11/16	13/16	1 11/16	14	2	10	2 1/8	1/16	1/4	1/2	6	3/4
9	2	39.00	138	2	4	6 1/4	4	10 1/2	6	4	6 1/2	5 1/16	13/16	1 11/16	14	2	10	2 1/8	1/16	1/4	1/2	6	3/4
10	1 1/2	43.00	85	1 1/2	3	7	4 3/4	11 3/4	4 1/2	3	7 9/16	3 11/16	1 3/16	1 11/16	15	2	11	2 1/2	3/8	3/8	1/2	6	3/4
12	2	54.00	159	2	4	9	5 3/4	13 3/4	6	4	9	5 1/16	13/16	1 11/16	17 1/4	2	13 1/4	2 1/2	3/8	3/8	1/2	6	3/4
12	2 7/16	63.00	225	2 1/16	5	9	5 3/4	13 3/4	6	4 1/2	9	5 13/16	1 3/16	1 11/16	17 1/4	2	13 1/4	2 1/2	3/8	3/8	1/2	6	3/4
12	3	72.00	270	3	6	9	5 3/4	13 3/4	6 1/16	4 1/2	9	6 1/16	1 1/16	1 11/16	17 1/4	2	13 1/4	2 1/2	3/8	3/8	1/2	6	3/4
14	2 7/16	75.00	235	2 1/16	5	9 1/4	6 3/4	16 1/8	6 3/16	4 1/2	9 3/8	6 5/16	1 3/16	1 13/16	19 1/2	2	15 1/2	3	1/16	3/8	5/8	6	3/4
16	3	126.00	360	3	6	11	7 1/4	18 1/8	9 1/2	4 1/2	10 1/2	9 1/2	1 7/16	2	21 1/2	2	17 1/2	3 3/4	1/2	3/8	5/8	6	1

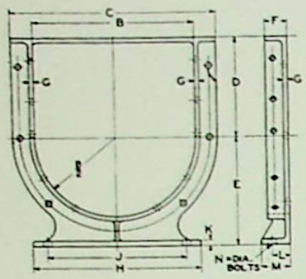
List Prices and Dimensions of 2 to 1 Reduction End Bearings

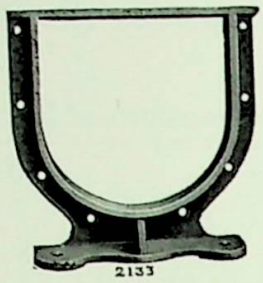
Diam. Conveyor In.	Diam. Coupling In.	* List Price Each	Approx. Weight Lbs.	Dimensions—Inches																		
				B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W
9	1 1/2	$60.00	110	1 1/2	4	6 1/4	4	10 5/8	5 3/4	3	6 1/2	3 13/16	13/16	1 11/16	14	2	10	2 13/16	1/16	1/4	1/2	6	3/4
9	2	65.00	125	1 1/2	4	6 1/4	4	10 5/8	5 3/4	3	6 1/2	3 13/16	13/16	1 11/16	14	2	10	2 13/16	1/16	1/4	1/2	6	3/4
12	2	80.00	225	2	5 1/2	9	5 3/4	14	8 3/8	4	9	6	13/16	1 11/16	17 1/4	2	13 1/4	2 3/4	1/16	3/8	1/2	6	3/4
12	2 7/16	85.00	240	2	5 3/4	9	5 3/4	14	8 3/8	4	9	6	1 1/16	1 11/16	17 1/4	2	13 1/4	2 3/4	1/16	3/8	1/2	6	3/4
12	3	95.00	280	2	6	9	5 3/4	14	8 3/8	4	9	6	1 1/16	1 11/16	17 1/4	2	13 1/4	2 3/4	1/16	3/8	1/2	6	3/4
14	2 7/16	95.00	280	2	5 3/4	9 1/4	6 3/4	16 1/4	8 3/8	4	9 3/8	6	1 1/16	1 13/16	19 1/2	2	15 1/2	3 5/8	1/16	3/8	5/8	6	3/4
16	3	150.00	325	2	6	11	7 1/4	18 1/4	8 3/8	4	10 1/2	6	1 1/16	2	21 1/2	2	17 1/2	3 1/2	1/2	3/8	5/8	6	1
18	3	200.00	350	2	6	12 1/2	8 3/4	20 3/4	8 3/8	4	11 1/2	6	1 1/16	1 7/8	24 1/2	2 1/2	19 1/2	3 5/16	1/2	3/8	5/8	6	3/4

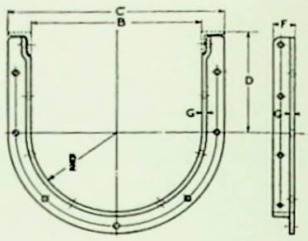
*Price includes Standard Drive End Shaft for Conveyor, Bevel Gears and Short Countershafts.

Jeffrey Spiral Conveyor Fittings

Flanged Saddles for Steel Trough





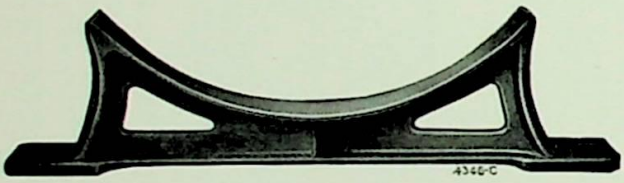


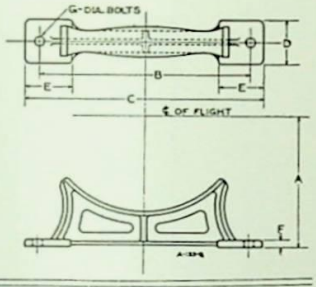
List Prices and Dimensions

Diam. Conveyor In.	With Feet: List Price Each †	With Feet: Approx. Weight Each Lbs.	Without Feet: List Price Each †	Without Feet: Approx. Weight Each Lbs.	Dimensions—Inches B	C	D	E	F	G	H	J	K	L	M	N
4	$1.60	5½	$1.00	3½	5	8	3⅜	3⅜	1½	¼	8	4	¼	⅞	1½	⅜
6	2.00	7	1.40	5	7	10	4½	5	1½	¼	10	6	⅜	⅞	1½	⅜
9	3.00	13	1.80	7	10	13	6¼	6½	1½	¼	14	8¾	⅜	⅞	1½	⅜
10	3.60	18	2.20	10	11	15	7	7 9/16	2	5/16	14	12	⅜	1¼	2	⅜
12	4.80	23	2.50	12	13¼	17¼	9	9	2	⅜	13¾	11½	½	1½	2½	½
14	5.60	28	3.00	14	15½	19½	9¼	9⅜	2	⅜	16	13½	½	1¾	2¾	⅝
16	8.00	43	4.50	20	17½	21½	11	10½	2	½	17	14⅞	⅝	1¾	3	⅝
18	8.80	45	5.00	25	19½	23½	12½	11½	2	½	20	17½	⅝	1¾	3	⅝

†Order in pairs for one complete joint.

Short Saddles for Steel Trough

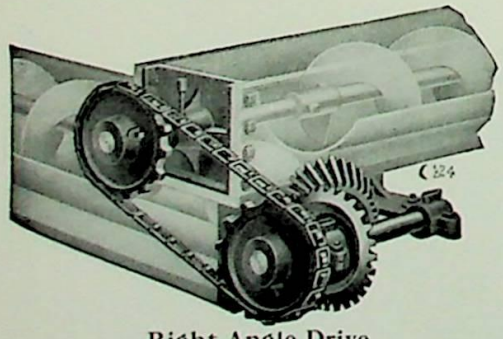




List Prices and Dimensions

Diam. Conveyor In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches A	B	C	D	E	F	G
4	$0.55	1	3⅜	5¾	7	1½	1¾	5/16	⅜
6	.80	2½	5	7½	8¾	1¾	2	⅜	⅜
9	1.20	3½	6½	10½	12	2¼	2½	⅜	½
10	1.60	4½	7 9/16	11½	13	2¼	2½	⅜	½
12	1.80	5	9	12¾	14¼	2¼	2½	⅜	½
14	2.20	8	9⅜	15	16¾	2¾	3	7/16	⅝
16	2.40	9	10½	16¾	18½	2¾	3	7/16	⅝
18	2.80	10	11½	18	19¾	3	3	7/16	⅝

Right Angle Drives



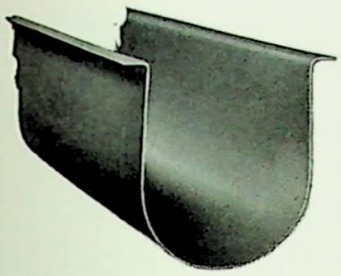
Right Angle Drive

List Prices and Weights

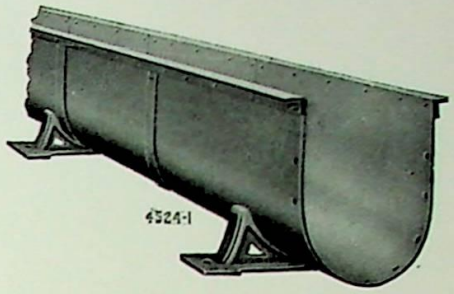
Diam. Conveyor In.	Diam. Coupling In.	Right Angle Drive*: Wood Trough List Price Each	Wood Trough Approx. Weight Lbs.	Steel Trough List Price Each	Steel Trough Approx. Weight Lbs.
4	1	$35.00	55	$38.00	60
6	1½	40.00	115	45.00	120
9	1½	54.00	155	60.00	160
9	2	60.00	230	68.00	235
10	1½	68.00	190	77.00	195
12	2	85.00	275	95.00	285
12	2 7/16	95.00	360	105.00	365
12	3	107.00	420	120.00	425
14	2 7/16	120.00	400	135.00	405
16	3	185.00	565	205.00	570

*Price includes end bearing with gears, shafts, sprockets and Jeffrey Detachable Chain. When furnished for long conveyors requiring other than "Detachable" Chain, an extra charge is made.

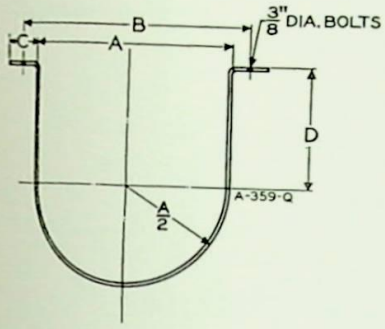
Jeffrey Spiral Conveyor Trough



Steel Trough with Flanged Top



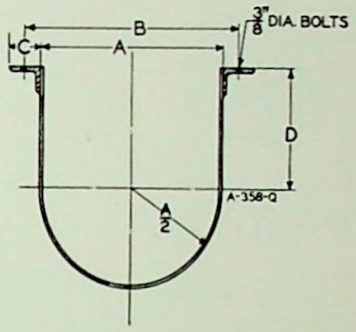
Steel Trough with Angles



Trough furnished without cover, unless otherwise specified.

Both types have butt strap connections.

Flanged type trough is standard where listed and will be furnished unless otherwise specified.

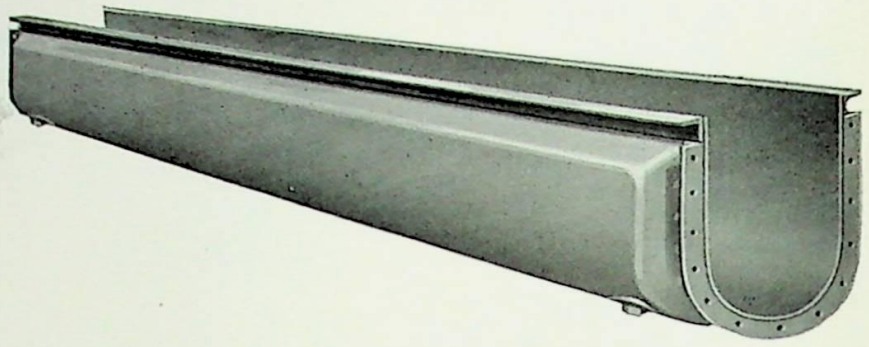


List Prices and Dimensions

Diam. Conveyor In.	Gauge Steel	Trough, Without Cover									Standard Gauge Cover		
		Flanged Type		Angle Type			Dimensions—Inches						
		List Price per Foot	Approx. Weight per Foot Lbs.	List Price per Foot	Approx. Weight per Foot Lbs.	Size Angle	A	B	C	D	List Price per Foot	Gauge Steel	Approx. Weight per Foot Lbs.
4	18	.....	....	$ 2.25	5½	1¼x1¼x$\frac{3}{16}$	5	6⅜	1¼	3⅜	$0.60	20	1
	16	.....	....	2.75	6½								
	14	.....	....	3.25	7½								
6	16	.....	....	2.75	7½	1¼x1¼x$\frac{3}{16}$	7	8⅜	1¼	4½	.85	18	2
	14	.....	....	3.25	9								
	12	$ 3.60	10	4.00	11								
	10	4.00	12	5.00	13								
9	14	.....	....	4.00	13	2 x1½x$\frac{3}{16}$	10	12¼	2	6¼	1.15	16	3
	12	4.40	13	5.00	16								
	10	5.00	17	6.00	19								
	$\frac{3}{16}$	6.00	23	8.75	24								
	¼	7.00	31½	10.50	31								
10	14	.....	....	4.50	14	2 x1½x$\frac{3}{16}$	11	13¼	2	7	1.20	16	3½
	12	4.60	14½	5.50	17½								
	10	5.40	18¾	6.75	20½								
	$\frac{3}{16}$	6.40	25	9.50	26½								
	¼	7.50	35	11.50	34½								
12	12	5.00	16½	6.00	20½	2 x2 x$\frac{3}{16}$	13¼	15½	2	9	1.45	16	4
	10	5.80	22	7.50	25								
	$\frac{3}{16}$	7.00	29	10.50	31½								
	¼	8.40	40	12.75	41								
	$\frac{5}{16}$	10.00	53	.....	.....								
	⅜	12.40	64	.....	.....								
14	12	.....	....	7.25	22	2 x2 x$\frac{3}{16}$	15½	17¾	2	9¼	1.50	16	4½
	10	6.40	24	8.75	27								
	$\frac{3}{16}$	7.60	33	11.75	35								
	¼	9.20	44	14.00	45								
	$\frac{5}{16}$	11.00	55	.....	.....								
	⅜	14.00	66	.....	.....								
16	12	.....	....	8.25	25	2 x2 x$\frac{3}{16}$	17½	19¾	2	11	1.60	16	5
	10	7.60	27	9.75	30								
	$\frac{3}{16}$	9.20	37	12.75	39								
	¼	11.00	50	15.00	51								
	$\frac{5}{16}$	13.00	60	.....	.....								
	⅜	16.40	75	.....	.....								
18	10	.....	....	10.75	37	2½x2 x¾	19½	22½	2½	12½	2.10	14	7½
	$\frac{3}{16}$	11.00	42	14.25	45								
	¼	13.00	57	18.00	60								
	$\frac{5}{16}$	15.00	68	.....	.....								
	⅜	19.00	83	.....	.....								
20	10	.....	....	13.75	40	2½x2 x¾	21½	24½	2½	12½	2.30	14	7½
	$\frac{3}{16}$	15.00	44	17.25	48								
	¼	18.00	60	21.00	63								
	$\frac{5}{16}$	20.00	76	.....	.....								
	⅜	24.00	92	.....	.....								

Jeffrey Spiral Conveyor Fittings

Steam-jacketed steel trough is sometimes used for drying material in transit with low pressure steam. The jacket is electric welded to the trough and is steam tight.

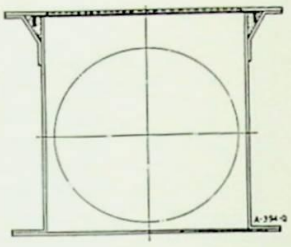


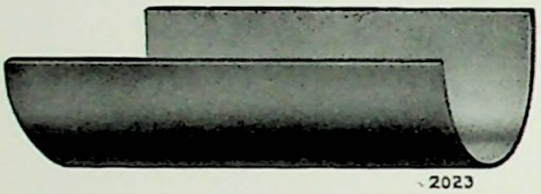
Malleable Iron Cover Clamp

Heavy Duty Cover Clamp
List Price each, $0.40

When desirable to have a dust-tight cover that is very readily removable for inspection the Sand Seal Cover is used. The channel around the top is either filled with sand, or dust from the material handled is allowed to collect until a seal is formed.

The square style steel trough shown by the line drawing at the right is sometimes used in the handling of cement and similar materials.





2023

Steel Linings for Wood Conveyor Boxes

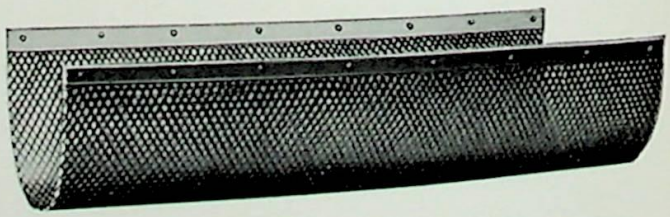
List Prices

Diam. of Conveyor In.	Width of Sheet In.	Standard Gauge		Heavy Gauges—List Price Per Lineal Foot Gauge of Steel							
		Gauge of Steel	List Price Per Lineal Foot	20	18	16	14	12	10	3/16	1/4
4	8½	24	$0.21	$0.25	$0.35	$0.40					
6	11¼	24	.30	.40	.50	.60	$0.70				
9	16	20	.50		.65	.75	.95	$1.25			
9	18				.75	.85	1.00	1.35			
9	20				.80	.90	1.15	1.55	$2.00		
10	18	20	.55		.75	.85	1.00	1.35	1.85		
10	20				.80	.90	1.15	1.55	2.00		
10	24				.95	1.10	1.35	1.85	2.40		
12	20	20	.60		.80	.90	1.15	1.55	2.00	$3.10	$4.00
12	24					1.10	1.35	1.85	2.40	3.65	4.75
14	24	18	.95			1.10	1.35	1.85	2.40	3.65	4.75
14	27					1.40	1.70	2.30	3.00	4.10	5.10
16	27	18	1.20			1.40	1.70	2.30	3.00	4.10	5.10
16	30					1.50	1.85	2.45	3.10	4.40	5.50
16	36					1.65	2.05	2.80	3.60	4.90	6.40
18	36	18	1.45			1.65	2.05	2.80	3.60	4.90	6.40
18	42						2.30	3.10	4.00	5.50	7.00

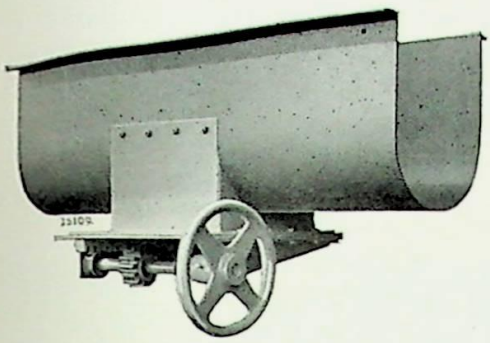
Perforated Linings for Wood Conveyor Boxes

List Prices

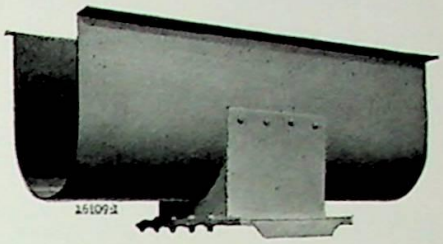
Diam. Conveyor In.	List Price per Lineal Foot	Diam. of Perforations In.	Gauge of Steel	Width of Sheet In.	Length of Sheet In.	Weight Per Lineal Foot Lbs.
6	$0.65	1/8	18	12	30	1.6
6	.65	5/32	18	12	30	1.6
6	.65	3/16	18	12	30	1.6
6	.65	1/4	18	12	30	1.6
9	1.00	1/8	18	18	30	2.2
9	1.00	5/32	18	18	30	2.2
9	1.00	3/16	18	18	30	2.2
9	1.00	1/4	18	18	30	2.2
10	1.10	1/8	18	20	30	2.3
10	1.10	1/4	18	20	30	2.3
12	1.30	1/8	18	24	30	2.6
12	1.30	5/32	18	24	30	2.6
12	1.30	3/16	18	24	30	2.6
12	1.30	1/4	18	24	30	2.6



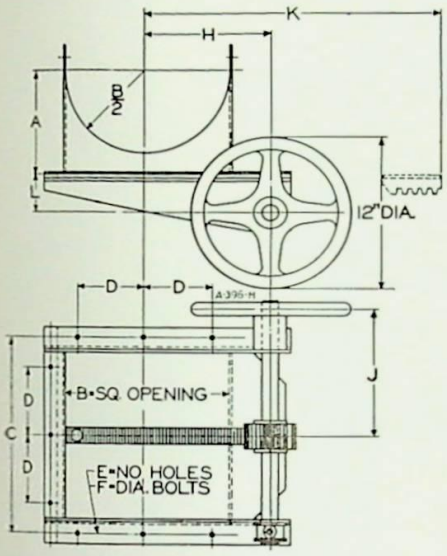
Jeffrey Spiral Conveyor Valves



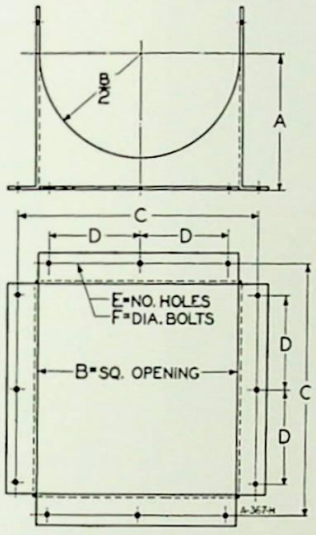
Rack and Pinion Valve



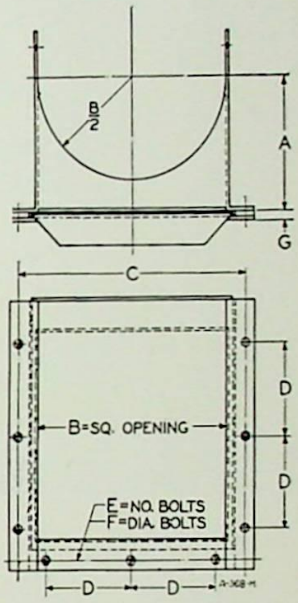
Plain Slide Valve



Rack and Pinion Valve



Discharge Spout

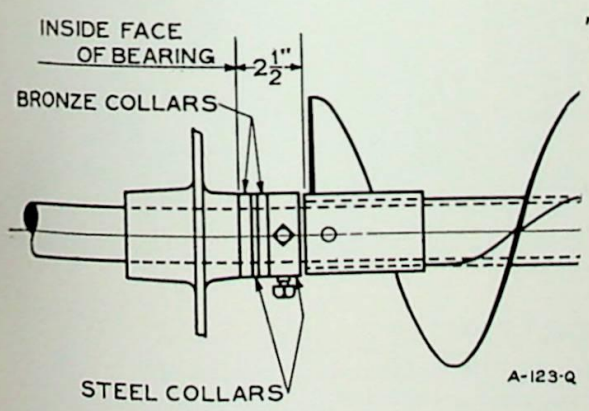


Plain Slide Valve

Discharge Spouts and Valves for Jeffrey Spiral Conveyor are made of steel plate of a thickness suitable to the size of trough, the bodies being electric welded.

The sliding plates of both the plain and rack and pinion valves can be so assembled as to operate in any one of the four directions.

Diameter Conveyor Inches	List Price Plain Opening No Spout or Valve	Stub Discharge Spout		Stub Discharge Spout with Slide Valve		Stub Discharge Spout with Rack and Pinion Valve		Dimension—Inches										
		List Price	Approx. Weight Pounds	List Price	Approx. Weight Pounds	List Price	Approx. Weight Pounds	A	B	C	D	E	F	G	H	J	K	L
6	$2.00	$ 9.00	5	$14.00	15	$30.00	55	4½	7	9	2½	2	⅜	7/16	7⅝	6½	13	2¾
9	2.50	11.00	10	16.00	25	34.00	65	5⅞	10	12	4	3	⅜	7/16	9⅛	8	17½	2¾
10	2.50	12.50	15	18.00	35	38.00	75	6⅞	11	13	4½	3	⅜	9/16	9⅝	8½	19	2 13/16
12	2.75	14.00	25	20.00	55	44.00	100	8¼	13¼	15¾	5⅜	3	½	9/16	10¾	10⅛	22⅜	2 13/16
14	3.00	16.50	30	24.00	65	50.00	115	8⅝	15½	18	6½	3	½	9/16	11⅞	11¼	25¾	2 13/16
16	3.50	19.00	45	28.00	100	60.00	150	9¾	17½	20	7½	3	½	⅝	12⅞	12¼	28¾	2⅞



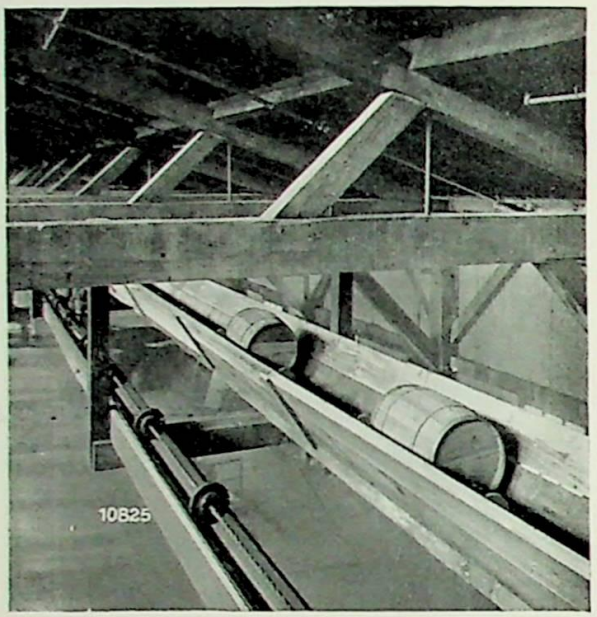
Thrust Collars

It is customary to equip conveyors 25 feet and more in length with end thrust collars, as shown, to take the thrust of the conveyor. These collars consist of two bronze and two steel collars.

Diam. Coupling In.	List Price Each Set	Approx. Weight Each Set Lbs.
1	$3.50	2
1½	4.00	2½
2	6.50	3½
2 7/16	8.00	4½
3	9.50	6

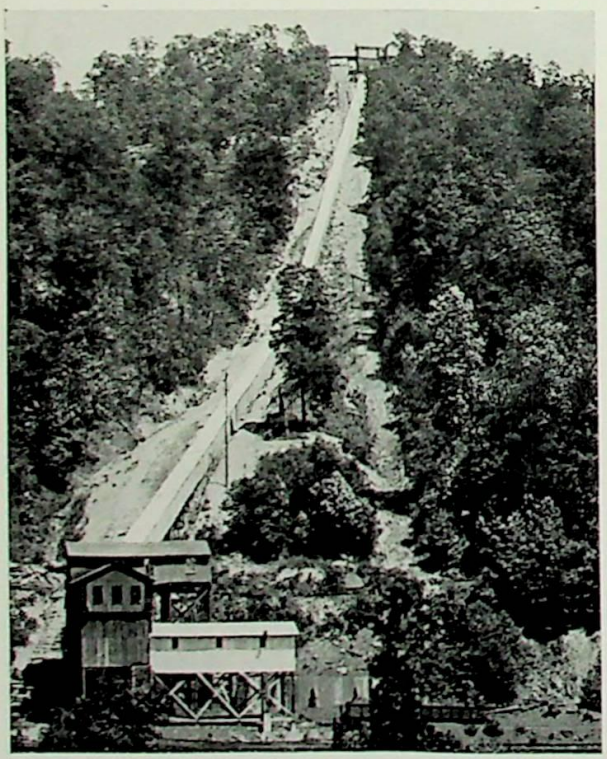
Jeffrey Cable Conveyors

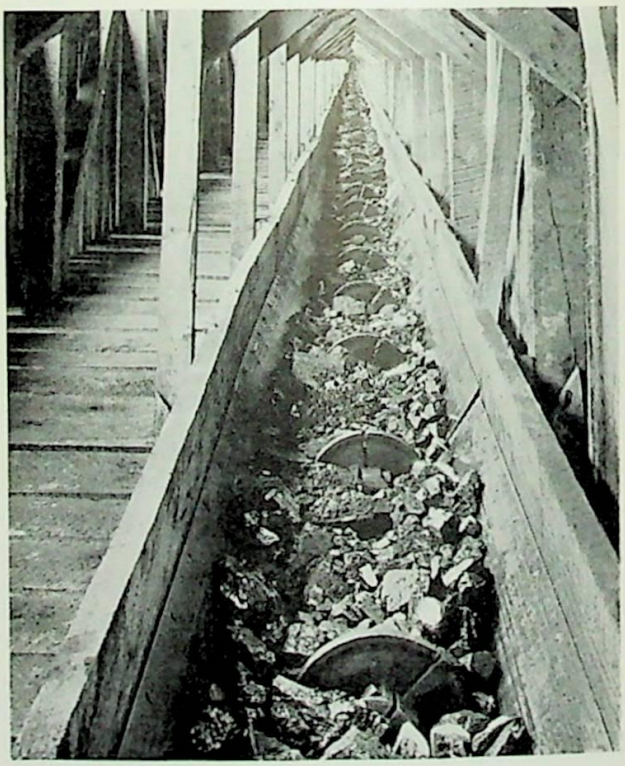
THE Cable Conveyor is primarily used for the long distance hauling of loose bulk materials. In construction, it is quite simple, being a series of circular discs or clamps mounted at intervals on a steel cable. Both the carrying and return strands of the conveyor run in a curved steel trough. Can be loaded at any point along the conveyor and by placing valves in the carrying trough, delivery can be made at as many places as desired.



Handling Kegs in a Nail Mill

Handling Chips from Lathes in an Automobile Plant





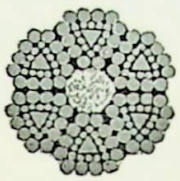
Jeffrey Cable Retarding Conveyor

A 1500 foot Cable Retarding Conveyor handling 250 tons of coal per hour with practically no power required to operate.

Jeffrey Cable Conveyors

"Conveyor Brand" Wire Rope

The Ideal Cable for Conveyor and Car Haul Service



Flattened Strand Rope

As the success of a Cable Conveyor depends largely upon the character of the cable used, we have after exhaustive tests adopted this cable as the best suited to meet all the requirements of such service. It is composed of six flattened strands of twenty-five wires each of thoroughly tested high grade crucible steel laid around a hemp or wire center and so constructed as to reduce rotating to a minimum.

Flattened Strand Ropes have been designed to secure the greatest wearing surface and yet retain as much flexibility as possible. The external surfaces of these ropes more nearly approach a solid round bar than do the ropes made up of round strands, and possess about 150 per cent more wearing surface.

List Price

Diameter Cable Inches	List Price per Foot		Approximate Weight per Foot Lbs.	Approximate Breaking Strength Hemp Center Lbs.†	Max. Working Strength Total or Straight Line Pull at Safety Factor 5
	Hemp Center	Wire Center			
½	$0.14½	.....	0.45	17700	3540
⅝	.18¼	.....	0.72	25000	5000
¾	.24	$0.26½	1.00	34600	6920
⅞	.30	.33	1.38	48800	9760
1	.39½	.43½	1.80	64200	12840
1⅛	.50	.55	2.30	83200	16640
1¼	.59½	.65½	2.80	100200	20040
1⅜	.73	.80½	3.45	121000	24200
1½	.86	.95	4.00	140000	28000

Wire centers recommended for Conveyor and Car Haul Service requiring ¾" Cable and larger.
†Wire Center increases Breaking Strength, but not Working Strength, by approximately 10 per cent.

Standard Steel Troughs for Cable Conveyors

E-1

E-2

E-4

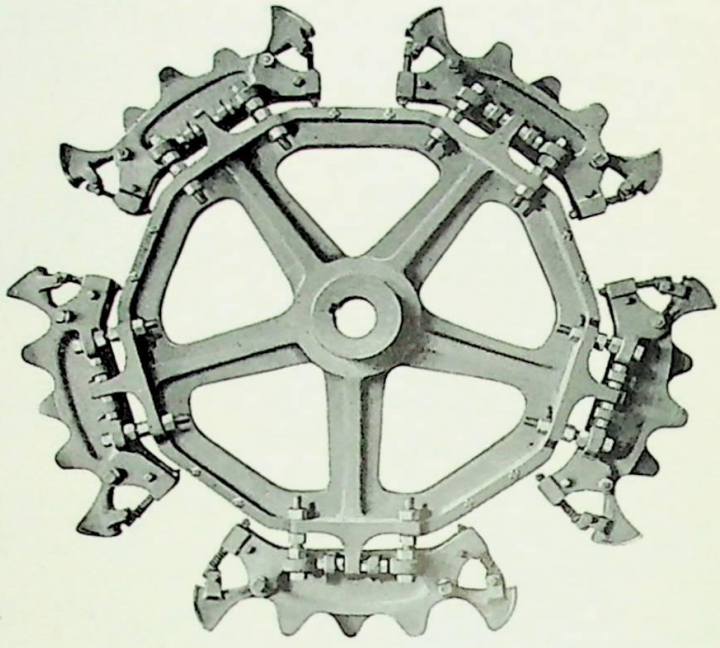
Other Forms of Troughs made on order

List Prices

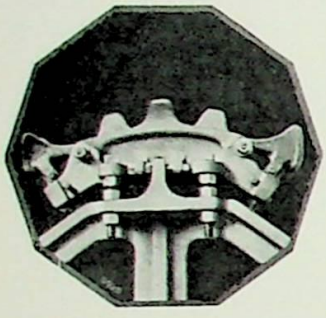
Diameter Attachment Inches	Style E-1 or E-2 Trough					Diameter Attachment Inches	Style E-4 Trough				
	Width of Sheet Inches	Thickness—Price per Foot					Width of Sheet Inches	Thickness—Price per Foot			
		No. 12	No. 10	3/16"	¼"			No. 12	No. 10	3/16"	¼"
4	12	$0.85	$0.95	$1.20	.....	4	6	$0.65	$0.75	$0.90	.....
5	15	1.00	1.15	1.45	.....	5	7½	.70	.80	1.00	.....
6	18	1.15	1.35	1.70	$2.30	6	9	.75	.85	1.05	.....
8	24	1.45	1.75	2.15	2.90	8	12	.....	.95	1.20	$1.65
10	30	.....	2.15	2.65	3.50	10	15	.....	1.15	1.45	1.95
12	36	.....	2.65	3.20	4.10	12	18	.....	1.35	1.70	2.30

Jeffrey Gapped Sheave Wheels for Cable Conveyors

JEFFREY Flexible Tooth Adjustable Rim Sheaves embody those features and refinements which insure proper working and long life of the Cable Conveyor.



The Flexible feature, with proper adjustment of the rim, eliminates practically all the wear between the ends of the cable clamps and the face of the teeth.



The teeth are set down against the rim for a driving sheave as shown at left.

The clamp, upon leaving the sheave pulls the tooth out until it releases, but not before the following clamp has seated itself against its tooth and has taken up the driving stress, after which a coil spring brings the tooth back to its original position. Only one tooth of the sheave does the driving at any-one time and that is the tooth in the act of leaving the clamp.

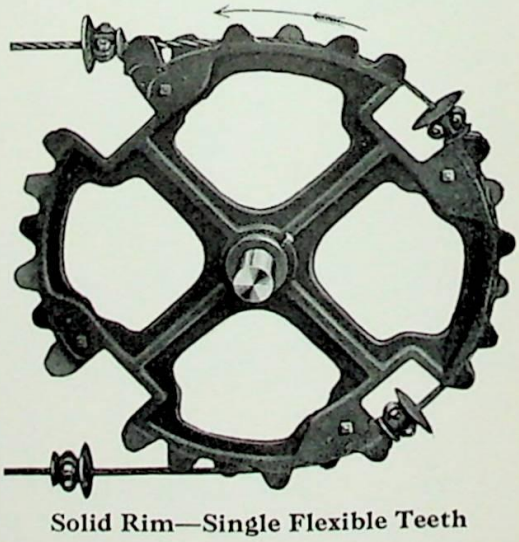
On the Driven Sheave, the teeth are maintained in the outer position by the springs, the action of the clamps on the teeth being the reverse of that described above for the driving sheave.

Since the constant working stress will in time stretch the rope slightly and thereby change the spacing of the clamps, there must be either an adjustment of the rim of the sheave or the clamps will have to be respaced. This respacing of the clamps not only necessitates considerable labor but a consequent delay in the operation of the conveyor. The adjustment of the rim will compensate for all nominal stretch in the rope without the respacing of the clamps.

Adjustable Rim—Double Flexible Teeth

Single Flexible Teeth Sheaves have flexible teeth on one side of each gap as shown at right while Double Flexible Teeth are on both sides of each gap.

The Double Flexible Tooth Sheave shown at the left and above has its application where travel of Conveyor is to be reversed and on Retarding Conveyors where it acts as a Driver wheel when starting Conveyor and changes to Driven when running under load. The type of Sheave shown on the right is used on Conveyors operating in one direction only.



Solid Rim—Single Flexible Teeth

Jeffrey Gapped Sheave Wheels for Cable Conveyors

List Prices and Dimensions

Item No.*	Diameter Sheave to Center of Rope Inches	Spacing of Att's or Pitch Inches	No. of Gaps	Teeth per Gap	Max. "Dia. of Disc" Gaps will take	Approx. Weight Pounds	Lgst. Bore at List Price	List Price		Net Working Strength in Pounds of Standard Gapped Sheaves for various sizes of Cable						
								Driver	Driven	Diameter of Cable in Inches						
										3/8 & 1/2	5/8	3/4	7/8	1	1 1/8	1 1/4
2	23 1/4	24	3	Single	6	132	2 7/16	$ 65.00	$ 55.00	2400						
5	31 1/2	24	4	"	8	242	2 15/16	100.00	85.00	3240	3710					
9	**35**	**36**	**3**	**Double**	**8**	**495**	**2 15/16**	**275.00**	**260.00**		**3950**					
10	36	36	3	Single	10	260	3 7/16	95.00	80.00	3450	3900	4000				
11	38 1/4	24	5	"	8	294	3 7/16	125.00	105.00	3240	3950	4130				
12	**39**	**24**	**5**	**Double**	**9**	**577**	**2 15/16**	**310.00**	**275.00**		**3950**					
13	46 1/4	24	6	Single	8	407	3 15/16	165.00	140.00	3730	4700	5000				
14	46 1/2	36	4	"	10	433	4 15/16	145.00	125.00	3770	4700	5000	5790			
15	**46 1/2**	**36**	**4**	**Double**	**10**	**590**	**3 15/16**	**250.00**	**220.00**		**4700**	**5000**				
18	**47**	**36**	**4**	**"**	**10**	**740**	**3 7/16**	**295.00**	**255.00**		**4700**	**5000**	**5790**			
19	47	24	6	"	10	426	3 15/16	240.00	185.00	3770	4700	5000				
20	57 1/2	36	5	Single	12	656	4 15/16	195.00	175.00		4700	5000	7290	8060		
21	**58**	**36**	**5**	**Double**	**12**	**1200**	**4 7/16**	**410.00**	**360.00**			**5000**				
22	58	36	5	"	12	750	4 15/16	280.00	235.00			5000	7290	8060		
26	**62**	**24**	**8**	**"**	**12**	**1400**	**4 15/16**	**515.00**	**450.00**			**7300**	**7800**			
27	62	24	8	Single	10	900	4 15/16	300.00	265.00		5900	7300	7800			
28	**68 3/4**	**36**	**6**	**Double**	**14**	**1900**	**5 15/16**	**625.00**	**550.00**					**9590**	**10900**	
29	69	36	6	"	14	1220	5 15/16	460.00	380.00					9590	10900	
30	**69**	**36**	**6**	**"**	**14**	**1110**	**4 7/16**	**450.00**	**410.00**		**5600**	**6600**				
31	69 1/4	36	6	Single	12	900	5 7/16	275.00	250.00		5600	6600	6800			
32	69 1/2	36	6	"	12	1200	5 15/16	350.00	310.00					9590	10900	
33	69 1/2	24	9	"	8	1380	4 15/16	400.00	370.00	4230	5600	6600				
37	77	48	5	"	12	1485	6 7/16	390.00	360.00				9250	10700	11600	
†46	**75.10**	**48**	**5**	**Double**	**12**	**2820**	**6 7/16**	**760.00**	**760.00**				**10000**	**13200**		
†47	**74.66**	**48**	**5**	**"**	**12**	**2700**	**6 7/16**	**750.00**	**750.00**				**10000**	**13200**		
‡48	**75.00**	**48**	**5**	**"**	**12**	**2950**	**6 7/16**	**1025.00**	**1025.00**						**16800**	**20800**
††49	**75.00**	**48**	**5**	**"**	**12**	**3600**	**8 1/2**	**1160.00**	**1160.00**						**16800**	**20800**
39	78	60	4	Single	12	1580	6 7/16	405.00	375.00					12900	14300	16900
40	78 1/2	60	4	Double	12	1600	6 7/16	475.00	405.00					12900	14300	16900
41	80 1/2	36	7	"	12	1465	5 15/16	490.00	430.00			7975	8750	9950		
42	**80 1/2**	**36**	**7**	**"**	**15**	**1920**	**5 15/16**	**625.00**	**550.00**			**7975**	**8750**	**9950**		
43	**91 3/4**	**36**	**8**	**"**	**16**	**2720**	**6 15/16**	**850.00**	**750.00**					**11500**	**12800**	
44	**92**	**48**	**6**	**"**	**16**	**2800**	**6 15/16**	**850.00**	**725.00**						**13900**	**15000**
45	92 1/2	48	6	Single	12	1925	6 7/16	500.00	460.00					11500	13900	

To Select Sheaves note carefully:—

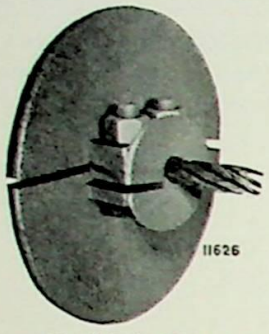
(a) "Spacing of Att's" required.
(b) "Max. Length of Gaps" for Haul-up Attachments.
(c) "Max. Dia. of Disc" for Conveyor Attachments.
(d) "Net Working Strength" of Cable.
(e) Order by "Item No." and "Diam. of Cable."

***Sheaves in Bold Type have "Adjustable Rims" and are used for Car Haul-ups and Heavy Conveyor Service.** Other sheaves have "Solid Rims" and are used for conveyors of light service only not exceeding 150 feet centers.

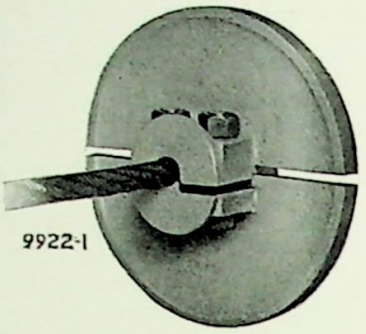
Driver and Driven Sheaves furnished respectively with cast steel and cast iron flexible teeth, except Items 46, 47, 48 an 49, which are fitted with cast steel teeth for both Driver and Driven Wheels. Driven Sheave should ordinarily be same diameter as the Driver.

†Item 46 Has Gap 8 inches long.
†Item 47 Has Gap 15 inches long.
‡Item 48 has Cast Steel Rim Segments.
††Item 49 Same as Item 48 with heavily reinforced Arms and Hub.

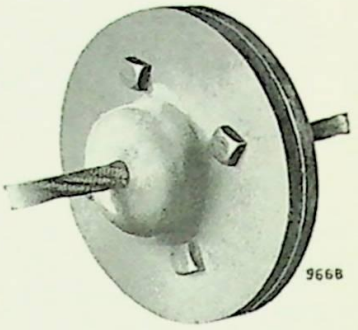
Jeffrey Attachments for Cable Conveyors



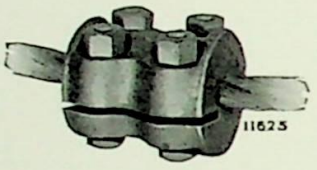
F-5½ (4 Bolts)



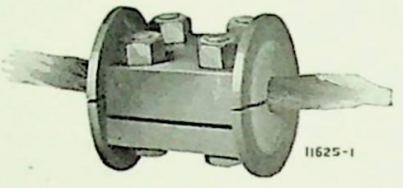
F-6½ (4 Bolts)



F-10½ Splice



F-1½ (4 Bolts)



F-9½ (4 bolts)
F-9 (2 Bolts)

List Prices and Dimensions (Cast Iron)

½″ Cable

Attachment No.	Diam. of Disc In.	Length of Hub In.	List Price Each	Working Strength Lbs.	Approx. Weight Lbs.
F- 1½		4	$1.30	3720	5¾
F- 5½	6	4	1.60	3720	7½
F-10½	6	4	2.20	7500	11

⅝″ Cable

F- 1½		4¼	$1.60	4000	7
F- 5½	6	4¼	2.00	4000	9
F- 5½	8	4¼	2.20	4000	9¼
F-10½	6	4¼	2.60	7500	13
F-10½	8	4¼	3.80	7500	21

¾″ Cable

F- 1½		4¾	$2.20	6250	10
F- 5½	6	4¾	2.40	6250	11¾
F- 6½	8	4¾	3.00	6250	17¼
F- 6½	10	4¾	3.70	6250	20¼
F- 9	6	5	4.00	7720	19½
F-10½	6	4¾	4.00	11750	22¼
F-10½	8	4¾	4.80	11750	26
F-10½	10	4¾	6.00	11750	34½

⅞″ Cable

F- 1½		5½	$3.00	9600	15½
F- 6½	8	5½	3.80	9600	20½
F- 6½	12	5½	5.50	9600	32½
F- 9	8	5¼	6.40	10000	38¼
F-10½	6	5½	4.40	17650	27½
F-10½	8	5½	5.80	17650	28½
F-10½	12	5½	9.00	18000	52

1″ Cable

Attachment No.	Diam. of Disc In.	Length of Hub In.	List Price Each	Working Strength Lbs.	Approx. Weight Lbs.
F- 1½		5½	$3.50	9600	15½
F- 6½	8	5½	4.20	9600	22¾
F- 6½	12	5½	6.00	9600	37½
F- 9	8	5¼	6.80	13200	38¼
F- 9½	6	5½	4.00	9600	20¼
F-10½	6	5½	5.00	17650	23½
F-10½	8	5½	8.00	18000	46
F-10½	12	5½	10.00	18000	55

1⅛″ Cable

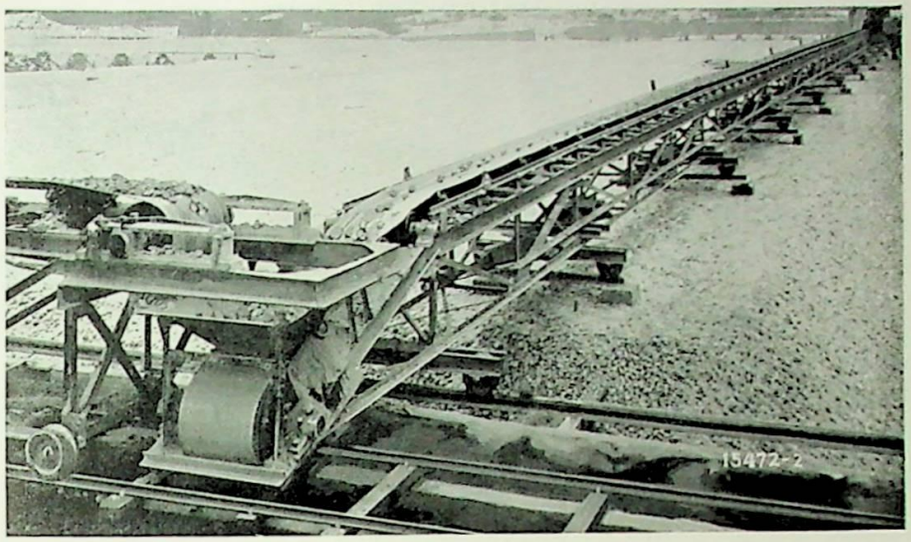
F- 1½		6	$4.50	12800	22
F- 6½	12	6	7.20	12800	40
F- 9	8	5½	7.20	16800	39¼
F- 9½	6	6	5.00	12800	25½
F-10½	8	6	9.40	25200	47¾
F-10½	12	6	10.60	25200	59½

1¼″ Cable

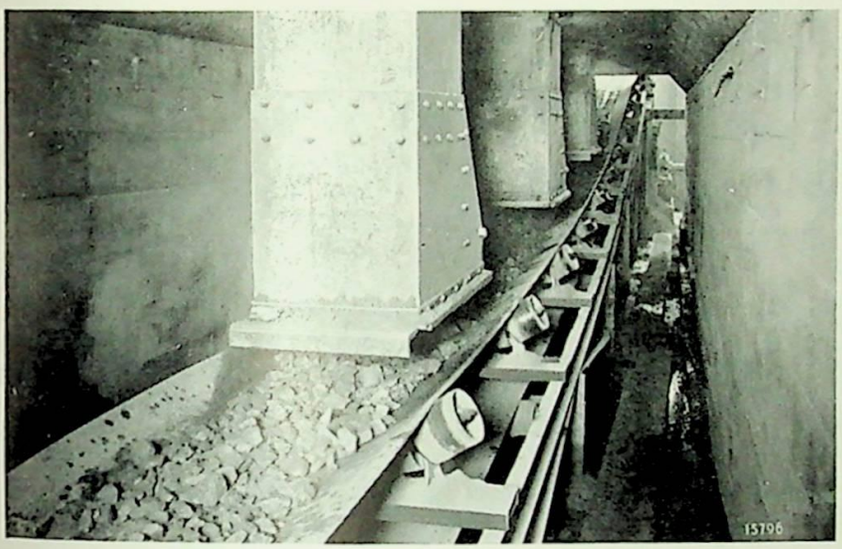
F- 1½		6¾	$7.00	17600	37¼
F- 6½	12	6¾	9.60	17600	52½
F- 9½	8	7½	8.60	20800	46½
F-10½	8	6¾	10.00	33000	58½
F-10½	8	7½	10.00	24200	46½
F-10½	12	6¾	12.00	33000	59½

Jeffrey Belt Conveyors

LARGE carrying capacities and low power consumption are responsible for the broad application of Jeffrey Troughed Conveyors to the handling of loose materials in many industries. The various types of Jeffrey Carriers used on Belt Conveyors are illustrated on the following pages.



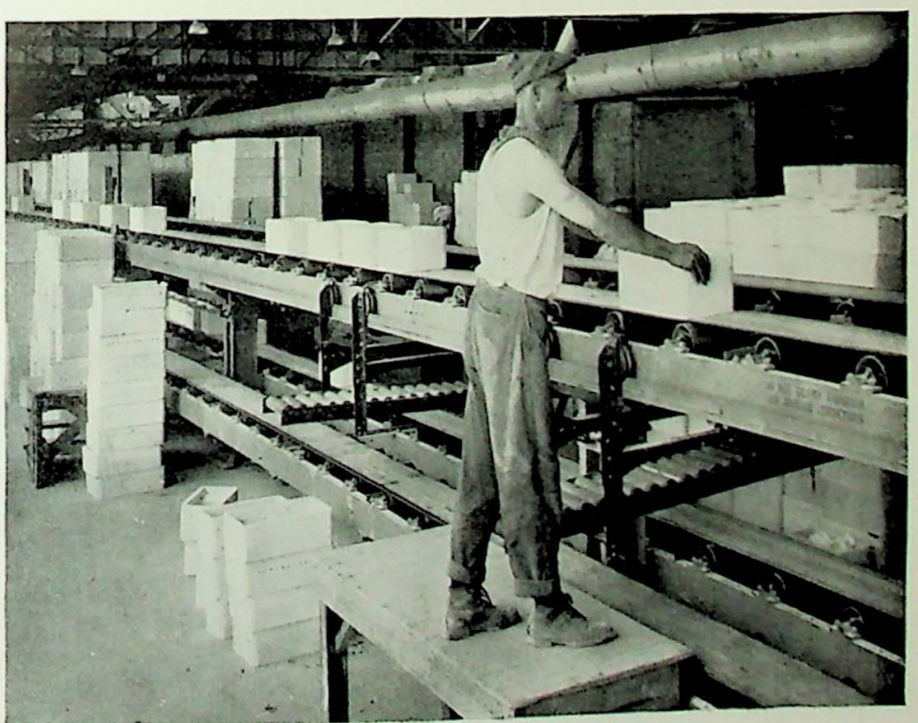
At the right is shown a large Belt Conveyor with Traveling Tripper, used in the construction of a modern Sewage Disposal Plant.



BELT Conveyors are ordinarily used to convey on the horizontal and up slight inclines, however, these Conveyors can be installed to carry material to considerable heights.

The Belt Conveyor in left hand illustration receives the stone from storage bins above and takes it to a Jeffrey Pulverizer for preliminary grinding.

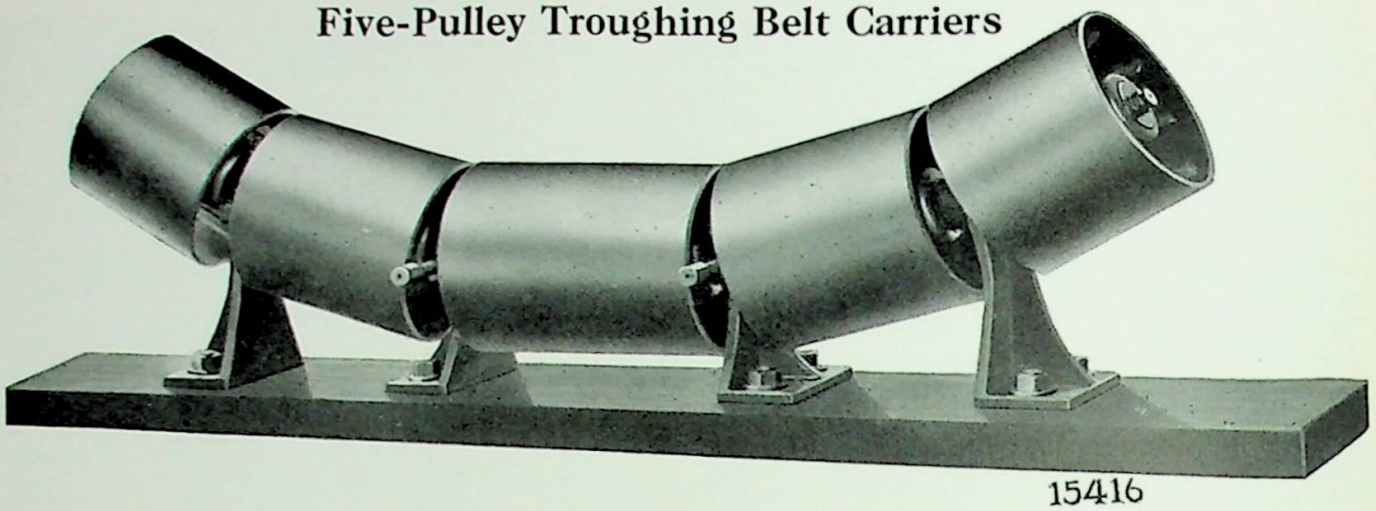
JEFFREY Flat Belt Conveyors have simplified the handling of packaged, boxed and sacked material in many storerooms, warehouses, and manufacturing plants. Their ability to maintain a continuous flow of material makes their use economical where large quantities are handled.



At the right, four Jeffrey Flat Belt Conveyors installed in a Tile Plant for handling saggers.

Jeffrey Belt Conveyors

Five-Pulley Troughing Belt Carriers



15416

Can be supplied with wood or channel iron base

THE diameter of pulleys and troughing angle of Jeffrey Belt Carriers are the result of extensive engineering experience in the successful handling of various classes of materials. Pulleys are set in line upon hollow renewable steel spindles connecting four rigid and well proportioned supporting stands.

Jeffrey Carriers are made in three types, plain bearing, bronze bushed and roller bearing. In all of these an ample grease pocket is provided in each pulley.

In the plain bearing type the cast iron hubs of the pulleys are smoothly bored for a running fit on the hollow steel spindles. Ample pockets are cored in the hubs providing reservoirs for a plentiful supply of grease.

Bronze is known as one of the best of bearing metals in point of life. In the Bronze Bushed Carriers each pulley is fitted with two large, flanged bronze bushings. The bronze flanges take the slight end thrust of the inclined pulleys. The grease pocket feature is also provided in these pulleys. Another advantage of the bronze bushed carriers is that when wear does become excessive, renewing the bushings makes the carriers virtually new.

The Anti-Friction or Roller Bearing Carriers will out-wear either of the other types and effect a saving of approximately 50% in power.

The roller bearings are completely protected from the entrance of grit or other foreign substances by the labyrinth grease seals and protecting caps. As in the other types the grease pockets are provided.

All pulleys are of cast grey iron which will withstand wear and corrosion better than steel. They are of the open type with no pockets to collect dirt and the rims are reinforced by ribs on the inside.

Lubrication is made positive on all types with the Alemite Industrial system. Individual fittings to the center pulleys give assurance of the grease getting to all bearings.

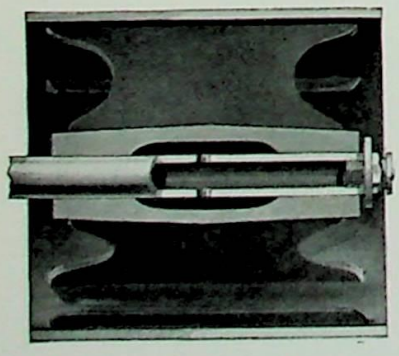
Grease is fed to the bearings from the inside thru holes in the hollow spindles. When the high pressure is applied the old used grease is forced out at the end of the hubs, thus carrying out any dirt that might adhere.

Both the 3 and 5 pulley types are provided with High Pressure Lubrication and cannot be fitted with compression grease cups.

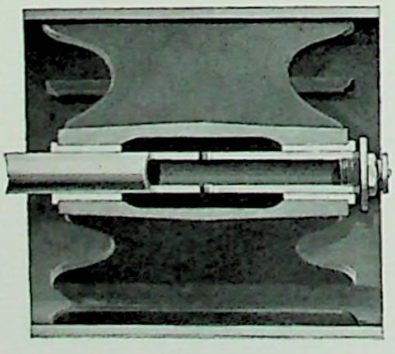
All carriers are thoroughly packed with a high grade grease before leaving the factory.

To change from the plain bearing carriers to either the bronze bushed or roller bearing carriers it is only necessary to change the pulleys, stands and boards being interchangeable.

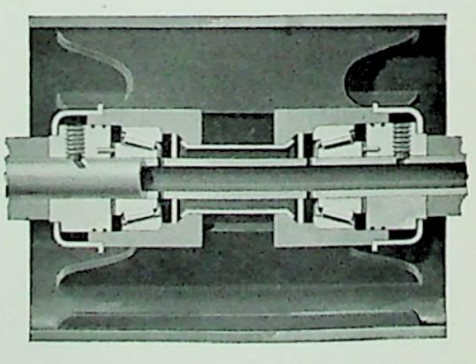
Furnished in Three Types of Construction



Pulley with Plain Bearing



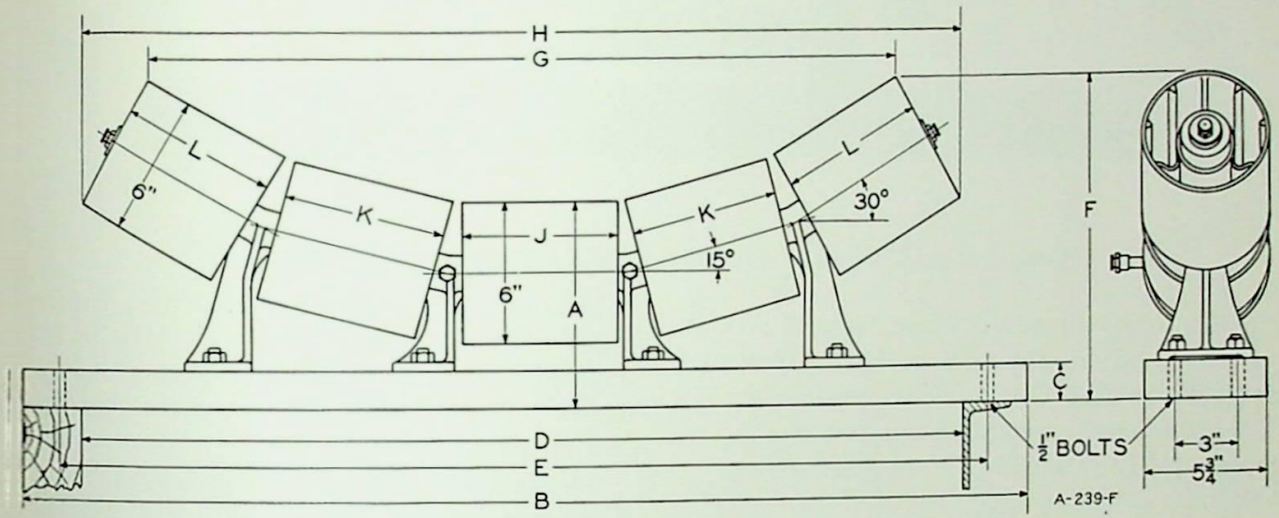
Pulley with Bronze Bushing



Pulley with Roller Bearing

Jeffrey Belt Conveyors

Five Pulley Troughing Belt Carriers



List Prices and Dimensions of Five Pulley Belt Carriers

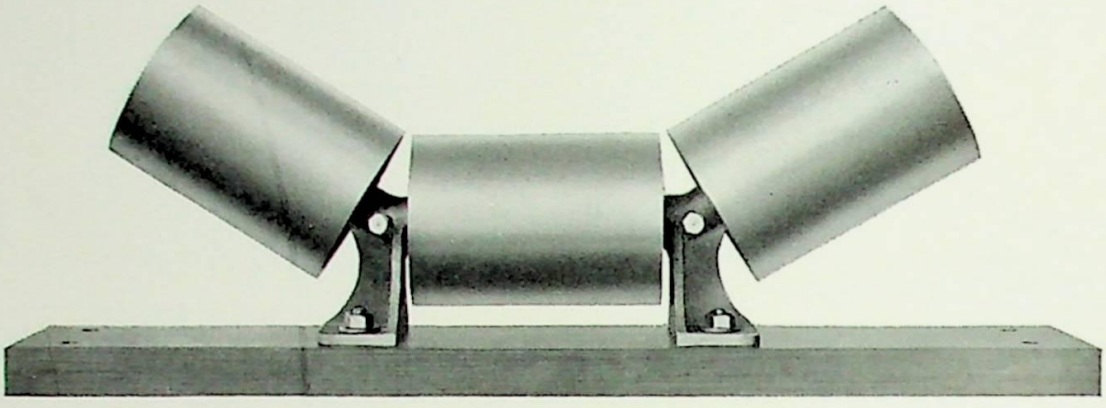
Width of Belt In.*	List Prices Each				Approx. Weight Pounds		Dimensions—Inches										
	Plain Bearing on Board	Bronze Bushed on Board	Roller Bearing on Board	Extra for Channel Base	Plain and Bronze Bushed	Roller Bearing	A	B	C	D	E	F	G	H	J	K	L
24	$21.00	$26.00	On Application	$2.00	73	86	8¾	36	1⅝	30	32¼	13	25¾	31¾	5¼	5¼	5¼
30	24.00	29.00		2.20	84	99	8¾	44	1⅝	38	40¼	13⅞	31⅝	37⅝	6½	6½	6½
36	27.00	32.00		2.40	100	118	8¾	50	1⅝	44	46¼	14⅜	37½	43½	8½	8½	6½
42	33.00	38.00		2.60	116	130	8¾	56	1⅝	50	52¼	15	43⅜	49⅜	10½	10½	6½
48	38.00	44.00		3.00	127	142	8¾	62	1⅝	56	58¼	15	50	56	17	10½	6½

NOTE: The above dimensions apply to plain bearing, bronze bushed or roller bearing carriers.

* All sizes of Carriers listed are carried in stock.

Jeffrey Belt Conveyors

Three-Pulley Troughing Belt Carriers



Can be supplied with wood or channel iron base

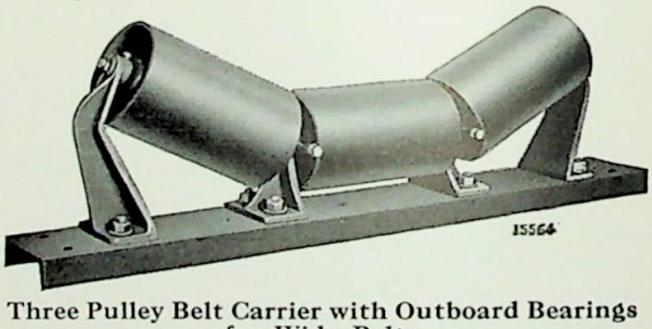
THE Jeffrey Standard Three Pulley Carrier embodies the same quality features as the Five Pulley Carrier, described on page 252, and can be furnished in any one of the three types illustrated by cross-section views below.

The style shown above, with end pulleys inclined to 30° is furnished for belts from 14 to 24 inches wide. For belts from 30 to 48 inches wide, the style illustrated at the right, with end pulleys inclined to 25° and having outboard bearings, is furnished.

All pulleys are of cast grey iron which will withstand wear and corrosion better than steel. They are of the open type with no pockets to collect dirt, and the rims are reinforced by ribs on the inside.

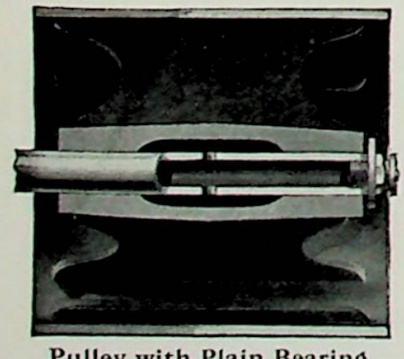
Lubrication is made positive on all three types of construction, with the Alemite Industrial system. Individual fittings to the center pulleys give assurance of the grease getting to all bearings.

To change from the plain bearing carriers to either the bronze bushed or roller bearing carriers it is only necessary to change the pulleys, the stands and boards being interchangeable.

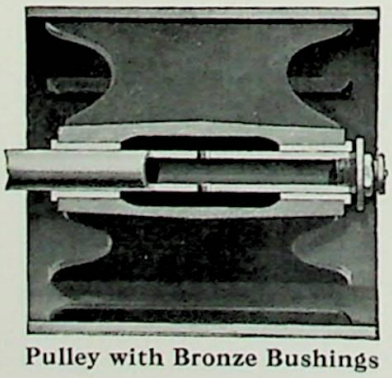


Three Pulley Belt Carrier with Outboard Bearings for Wide Belts

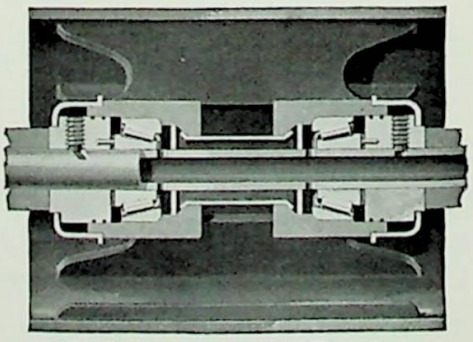
Furnished in Three Types of Construction



Pulley with Plain Bearing



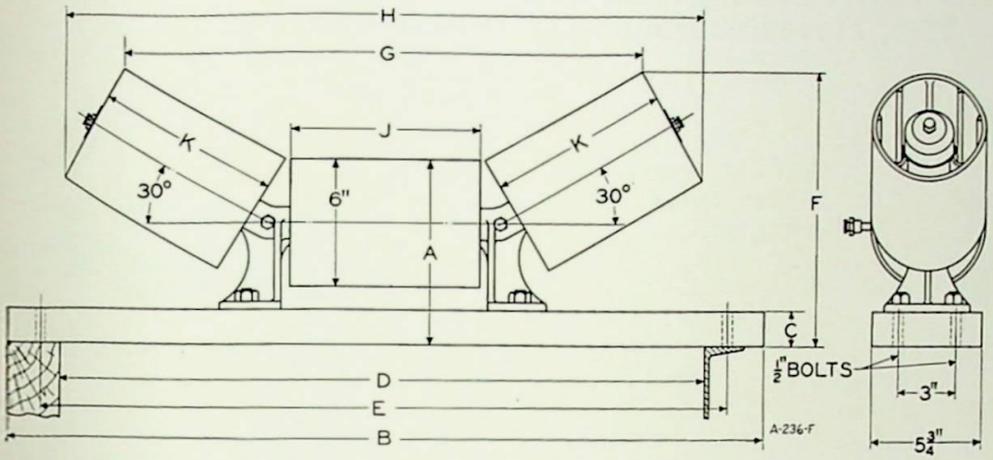
Pulley with Bronze Bushings



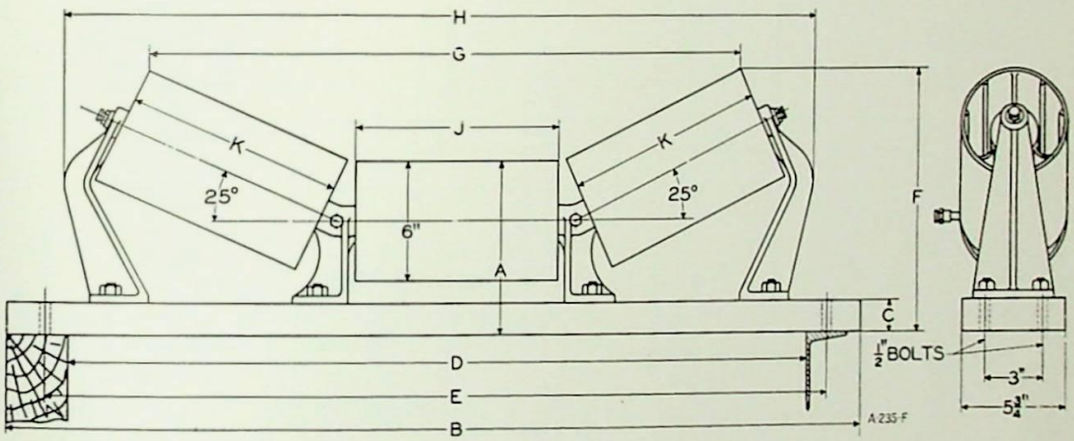
Pulley with Roller Bearings

Jeffrey Belt Conveyors

Three-Pulley Troughing Belt Carriers



With End Pulleys inclined to 30° for Belts 14″ to 24″ wide.



With Outboard stand and end pulleys inclined to 25° for Belts 30″ to 48″ wide.

List Prices and Dimensions of Three Pulley Belt Carriers

Width of Belt In. *	List Price Each				Approx. Weight Pounds		Dimensions—Inches									
	Plain Bearing on Board	Bronze Bushed on Board	Roller Bearing on Board	Extra for Channel Base	Plain and Bronze Bushed	Roller Bearing	A	B	C	D	E	F	G	H	J	K
14	$12.00	$15.00	$33.00	$1.30	38	47	8¼	24	1⅛	20	22¼	11	14¾	20¾	5¼	5¼
16	13.00	16.00	33.50	1.40	48	55	8¼	26	1⅛	22	24¼	11⅝	18¼	24¼	6½	6½
18	14.00	17.00	34.50	1.60	49	56	8¼	30	1⅛	24	26¼	11⅝	18¼	24¼	6½	6½
20	15.00	18.00	35.00	1.70	64	73	8¼	32	1⅛	26	28¼	11⅝	20¼	26¼	8½	6½
24	18.00	21.00	36.00	1.80	65	76	8¾	36	1⅝	30	32¼	13⅛	23½	29⅝	8½	8½
30	23.00	26.00	40.00	2.20	91	100	8¾	44	1⅝	38	40¼	13¼	30⅜	38½	10½	10½
36	27.00	30.00	43.00	2.40	102	116	8¾	50	1⅝	44	46¼	14⅜	37⅜	45½	13	13
42	.....	.....	46.00	2.60	117	129	8¾	56	1⅝	50	52¼	15¼	43	51¼	15	15
48	.....	.....	49.00	3.00	130	142	8¾	62	1⅝	56	58¼	16	48⅝	57	17	17

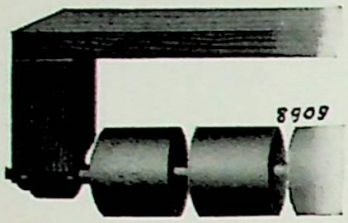
* Carriers listed are carried in stock.

Carriers can be mounted on channel or ⅜″ steel plate instead of boards as shown above.

Jeffrey Belt Conveyors

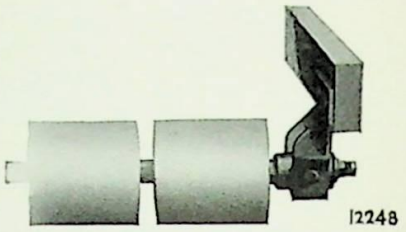
Belt Conveyor Return Idlers

With Swivel Bearings and Grease Fittings for Five, Three and Single Pulley Carriers



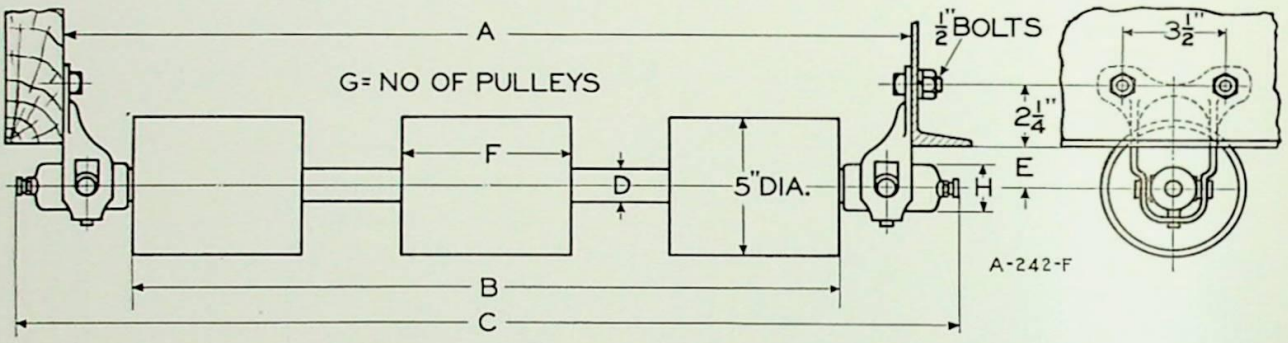
Bottom-Hanging Swivel-Bearing

Can be mounted on either wood or steel stringers.



Side-Hanging Swivel-Bearing

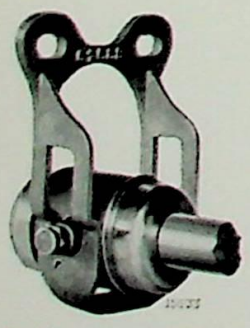
Side-Hanging type furnished unless otherwise specified.



List Prices and Dimensions

Width of Belt In. *	List Price Each		Approx. Weight Pounds		Dimensions—Inches												
					A	B	Plain Bearing						Roller Bearing					
	Plain Bearing	Roller Bearing	Plain Bearing	Roller Bearing			C	D	E	F	G	H	C	D	E	F	G	H
14	$ 8.65	$17.00	22	31	20	15	24 1/4	15/16	1 1/2	4	3	1 7/16	22 3/4	1 3/16	2	5	3	2 3/4
16	8.75	17.50	23	32	22	17	26 1/4	15/16	1 1/2	4	3	1 7/16	24 3/4	1 3/16	2	5	3	2 3/4
18	10.40	18.00	28	33	24	19	28 1/4	15/16	1 1/2	4	4	1 7/16	26 3/4	1 3/16	2	5	3	2 3/4
20	10.50	19.00	29	39	26	21	30 1/4	15/16	1 1/2	4	4	1 7/16	28 3/4	1 3/16	2	6	3	2 3/4
24	12.00	20.00	38	40	30	25	34 1/4	1 3/16	1 1/2	6	3	1 11/16	32 3/4	1 3/16	2	6	3	2 3/4
30	14.50	22.50	47	50	38	31	42 1/4	1 3/16	1 1/2	6	4	1 11/16	40 3/4	1 3/16	2	6	4	2 3/4
36	15.00	25.00	48	52	44	37	48 1/4	1 3/16	1 1/2	6	4	1 11/16	46 3/4	1 3/16	2	6	4	2 3/4
42	17.00	27.50	56	61	50	43	54 1/4	1 3/16	1 1/2	6	5	1 11/16	52 3/4	1 3/16	2	6	5	2 3/4
48	17.50	30.00	58	63	56	49	60 1/4	1 3/16	1 1/2	6	5	1 11/16	58 3/4	1 3/16	2	6	5	2 3/4

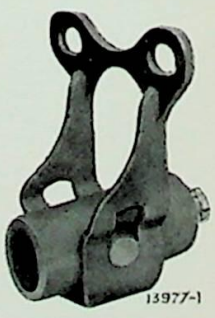
* All Idlers listed are **Carried in Stock.**



Roller Bearing Side-Hanger

The Jeffrey Malleable Iron Hanger, while lighter in appearance than the ordinary cast iron hanger, is much stronger in service and therefore a greater insurance to the continuous performance of the conveyor in rough and rugged service.

All edges are nicely rounded to prevent any possible injury to the belt.

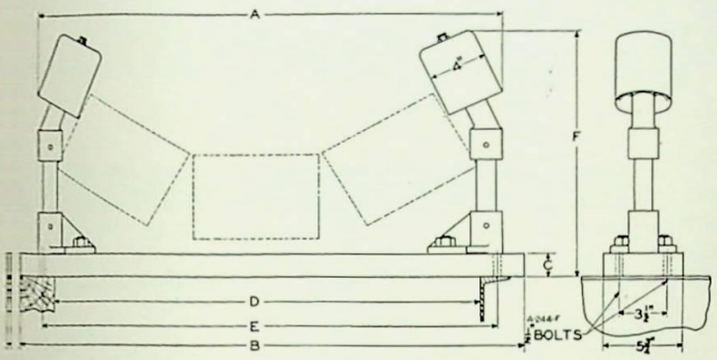


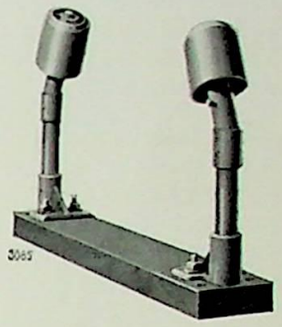
Plain Bearing Side-Hanger

Jeffrey Belt Conveyors

Belt Conveyor Guide Idlers

JEFFREY Guide Idlers for Three and Five Pulley Troughing Belt Carriers are designed so as to permit of a minimum over-all width of conveyor. The smooth, curved ends of the Jeffrey Patented pulleys protect the edges of the belt from possible injury, whereas the old style square-edged pulleys ruined many belts. Guide Idlers are not necessary with Roller Bearing Carriers.



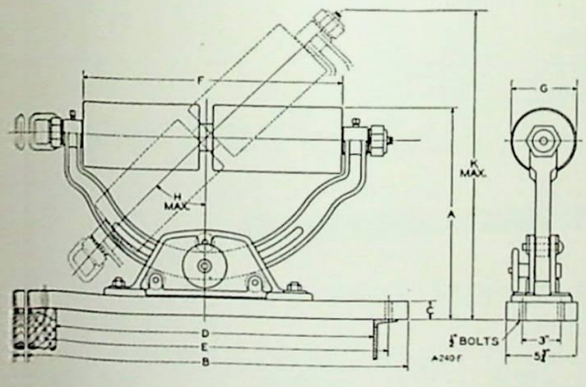


Jeffrey Guide Idlers

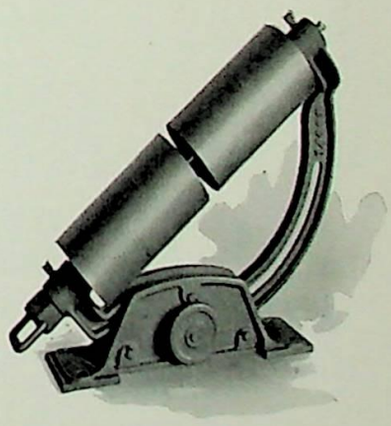
List Prices and Dimensions

Width of Belt In.	Dimensions—Inches																	
	FOR 5 PULLEY CARRIERS									FOR 3 PULLEY CARRIERS								
	List Price on Board Each	Extra for Channel Base	Approx. Weight Lbs.	A	B	C	D	E	F	List Price on Board Each	Extra for Channel Base	Approx. Weight Lbs.	A	B	C	D	E	F
14										$9.50	$1.30	31	24⅛	24	1⅛	20	22¼	15¼
16										9.60	1.40	31	27⅝	26	1⅛	22	24¼	16
18										9.70	1.60	32	27⅝	30	1⅛	24	26¼	16
20										9.80	1.70	32	29⅝	32	1⅛	26	28¼	16
24	$10.00	$2.00	36	35¼	36	1⅝	30	32¼	17½	10.00	1.80	36	33	36	1⅝	30	32¼	17½
30	10.25	2.20	37	41	44	1⅝	38	40¼	18¼	10.25	2.20	37	39¾	44	1⅝	38	40¼	17½
36	10.50	2.40	39	46¾	50	1⅝	44	46¼	18¾	10.50	2.40	39	46¾	50	1⅝	44	46¼	18¾
42	10.75	2.60	41	52⅝	56	1⅝	50	52¼	19⅜	10.75	2.60	41	52⅝	56	1⅝	50	52¼	19⅜
48	11.00	3.00	42	59¼	62	1⅝	56	58¼	19⅜	11.00	3.00	42	58⅛	62	1⅝	56	58¼	20⅜

Deflecting Idlers



Jeffrey Deflecting Idlers are designed for gradually discharging loose dry material from belts over a long storage space, and can be used in connection with any form of belt carrier.



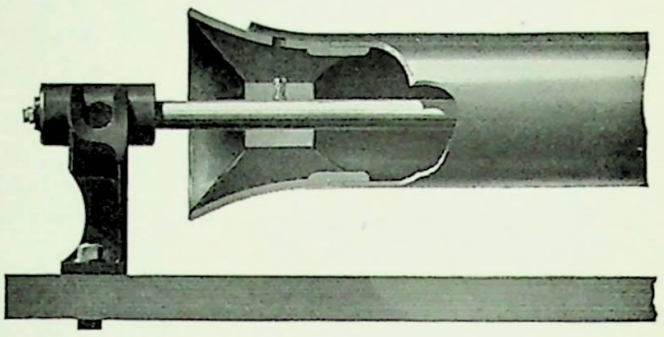
Dimensions—Prices on Application—State Quantity

Width of Belt Inches	Approx. Weight Pounds	Dimensions—Inches								
		A	B	C	D	E	F	G	H	K
14	108	15⅛	24	1⅛	20	22¼	16	5½	45°	20⅛
16	120	16⅝	26	1⅛	22	24¼	20	5½	45°	23⅛
18	121	16⅝	30	1⅛	24	26¼	20	5½	45°	23⅛
20	137	18¾	32	1⅛	26	28¼	24	6	45°	26⅝
24	186	23⅛	36	1⅝	30	32¼	32	6	45°	33⅝
30	188	23⅛	44	1⅝	38	40¼	32	6	45°	33⅝

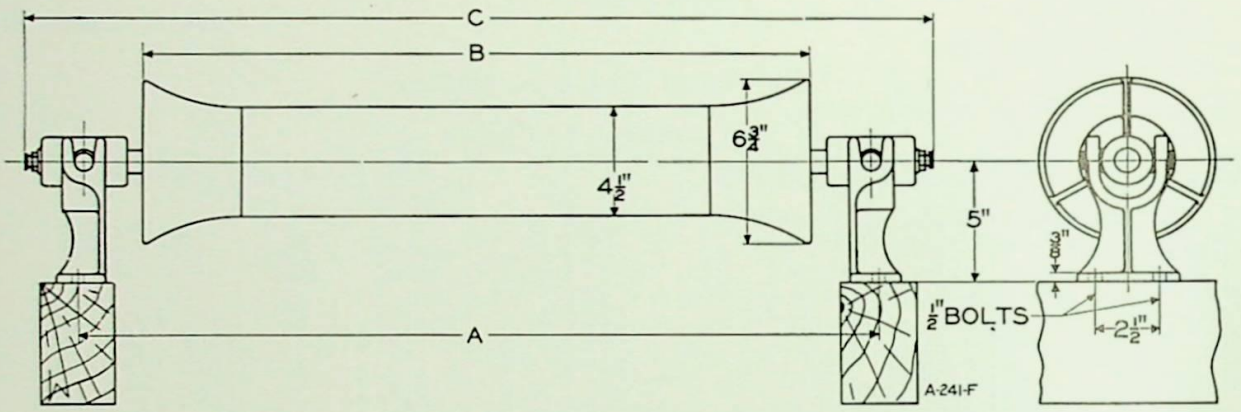
Jeffrey Belt Conveyors

Single Pulley Belt Carrier

THE Single Pulley Belt Carrier embodies in its design, the outstanding features of both the troughing and flat belt carriers, namely the increased capacity of a troughed belt and the two bearing feature of the flat belt. This means fewer parts to require attention and replace when worn.



The pulley consists of three parts. The center is a straight tube fixed rigidly to the gradually flaring cast ends, presenting a perfectly smooth surface to the belt. The shaft with the pulley set-screwed to it turns freely in babbitted self-aligning bearings provided with either the high pressure or regular grease cup lubrication.



List Prices and Dimensions, Inches

Width of Belt Inches	List Price Each	Approx. Weight Lbs.	A	B	C	Width of Belt Inches	List Price Each	Approx. Weight Lbs.	A	B	C
14	$13.80	56	22¼	17	26½	30		80	40¼	33	44½
16	14.20	58	24¼	19	28½	36	On	89	46¼	39	50½
18	14.60	63	26¼	21	30½	42	Appli-	98	52¼	45	56½
20	15.20	67	28¼	23	32½	48	cation	107	58¼	51	62½
24	16.00	71	32¼	27	36½						

High Pressure Lubrication System Used on Jeffrey Belt Carriers

Alemite Gun No. C-600 with Hose No. 1110 is used with Industrial Fittings as shown below:

The High Pressure Lubricating System makes lubrication positive and gives the assurance that grease is forced to all bearings. Pressure being applied from the inside tends to force out any grit or dirt that might collect about the ends of the bearings.

No. A-1184—With ⅛" pipe thread on return idlers and end pulleys with outboard stands.

No. A-1186—With ¼" pipe thread for end pulleys where no outboard stands are used.

No. C-69 — With ⅛" pipe thread in center Pulley.

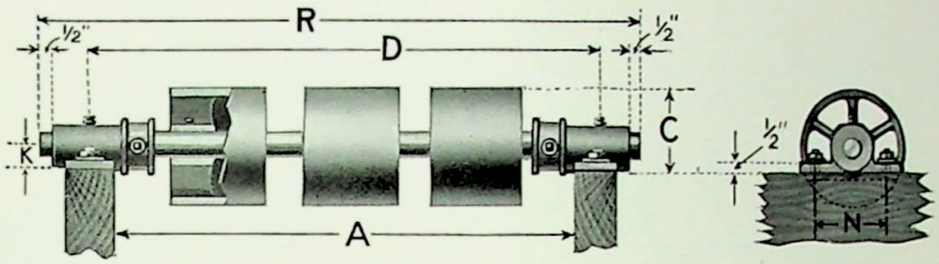
A light grease rather than oil is recommended for the lubrication of belt conveyors especially when rubber belt is used as the fluid oil cannot be so closely confined and is detrimental to rubber.

All Three and Five Pulley Carriers are packed with grease before leaving the factory.

A Grease Gun is furnished with each complete installation of a belt conveyor without extra charge.

Jeffrey Belt Conveyors

Standard Carriers for Flat Belts

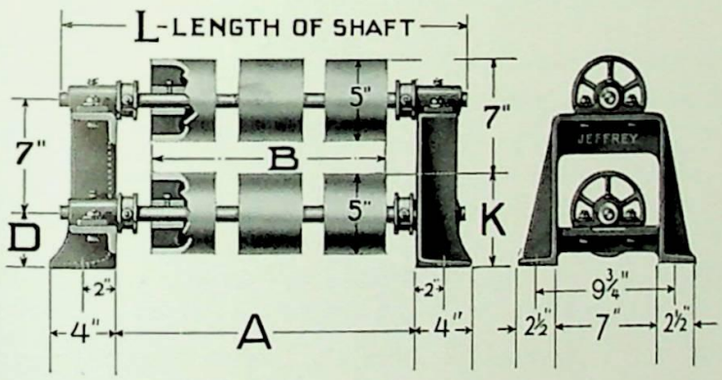


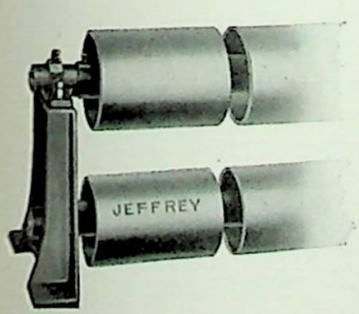
The above Carrier including bearings may be used for both Carrier and Return Idler service, by mounting same upon separate pairs of wood stringers placed above each other, or upon the top and bottom of one pair of stringers. See also "Combination" stands as illustrated below, where stringers are not used.

List Prices and Dimensions

Width of Belt Inches	List Price Each	Approx. Weight Lbs.	Pulleys*		Dimensions—Inches					
			Number	Face	A	C	D	K	N	R
14	$ 9.00	24	3	4	20	3⅜	22	⅞	3⅛	26
16	9.10	25	3	4	22	3⅜	24	⅞	3⅛	28
18	10.60	30	4	4	24	3⅜	26½	⅞	3⅛	30½
20	10.70	31	4	4	26	3⅜	28½	⅞	3⅛	32½
24	13.00	46	4	5	30	3⅝	32½	1⅛	4	37½
30	15.00	53	5	5	38	3⅝	40½	1⅛	4	45½
36	15.20	55	5	5	44	3⅝	46½	1⅛	4	51½
42	17.00	64	6	5	50	3⅝	52½	1⅛	4	57½
48	17.20	66	6	5	56	3⅝	58½	1⅛	4	63½

Combination Carrying and Return Idlers with Stands for Flat Belts





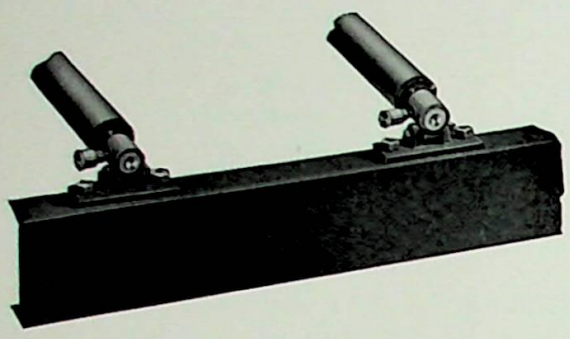
List Prices and Dimensions

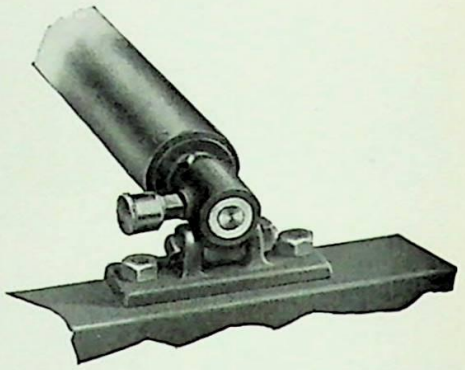
Width of Belt In.	Price List Complete with Return Idler	List Price Without Return Idler	Approx. Weight Lbs. Complete	Pulleys*		Dimensions—Inches				
				No.	Face	A	B	D	K	L
14	$24.00	$15.00	74	3	4	19¼	15	3⅛	5⅝	26
16	24.20	15.10	76	3	4	21¼	17	3⅛	5⅝	28
18	27.20	16.60	86	4	4	23¾	19	3⅛	5⅝	30½
20	27.40	16.70	88	4	4	25¾	21	3⅛	5⅝	32½
24	33.00	20.00	120	4	5	29¾	25	3⅜	5⅞	37½
30	37.00	22.00	135	5	5	37¾	31	3⅜	5⅞	45½
36	37.40	22.20	140	5	5	43¾	37	3⅜	5⅞	51½
42	41.00	24.00	155	6	5	49¾	43	3⅜	5⅞	57½
48	41.40	24.20	160	6	5	55¾	49	3⅜	5⅞	63½

*Number and Face of Pulleys for either Carrying or Return Idlers.

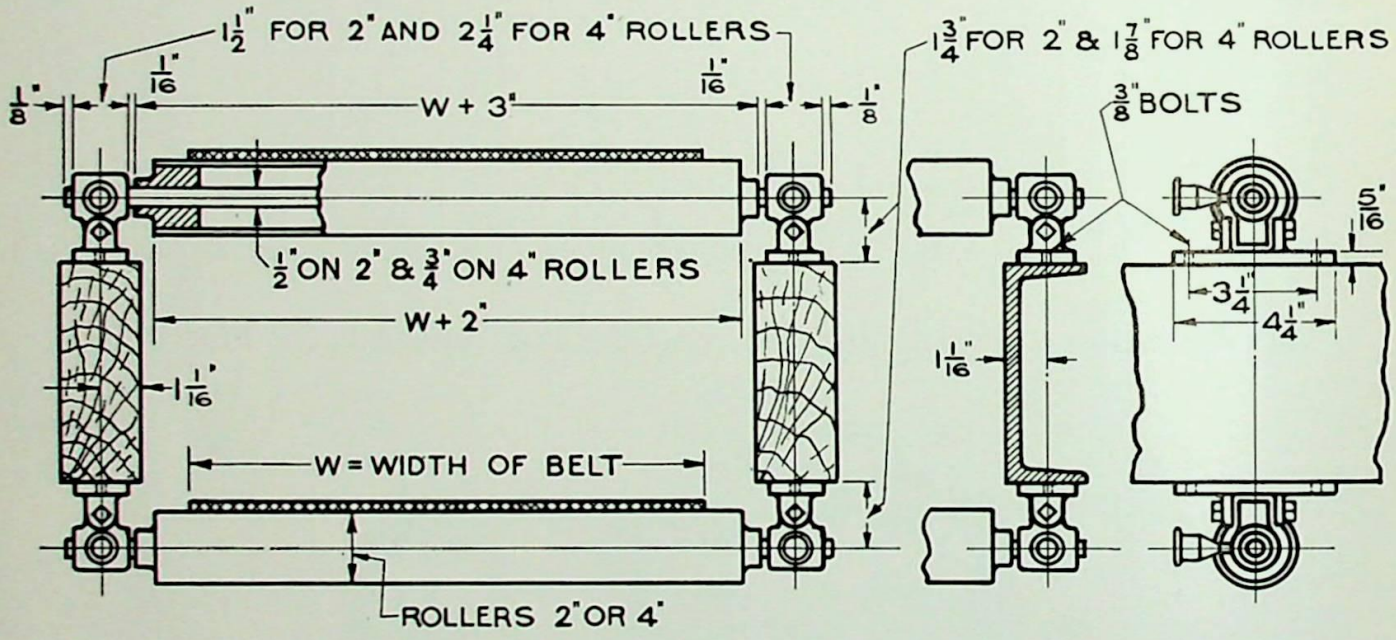
Jeffrey Belt Conveyors

Swivel Bearing Flat Belt Carriers





This bearing has a freedom of action similar to that of a universal joint. It pivots vertically about the bolt through its base and also horizontally, by reason of the hole through its base being taper slotted.



A Rugged and Durable Carrier with its pivoted bearings fitted with babbitt so that but an occasional turn of the small grease cup insures an almost frictionless conveyor.

The one design of carrier is used for both the conveying and return belt, and may be mounted upon wood or steel stringers as shown in line drawing.

List Prices and Weights

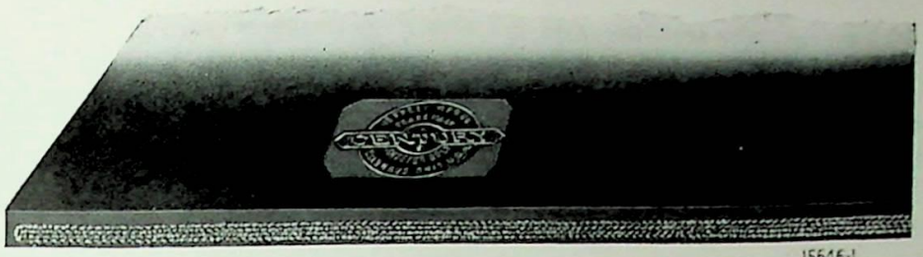
2″ Diameter Roller						4″ Diameter Roller					
Width Belt	List Price Each	Approx. Wt. in Lbs. with Bearings	Width Belt	List Price Each	Approx. Wt. in Lbs. with Bearings	Width Belt	List Price Each	Approx. Wt. in Lbs. with Bearings	Width Belt	List Price Each	Approx. Wt. in Lbs. with Bearings
14″	$7.50	9.3	20″	$7.80	11.1	18″	$10.20	20.7	36″	$11.60	31.5
16″	7.60	9.9	24″	8.00	12.3	20″	10.40	21.9	42″	12.00	35.1
18″	7.70	10.5	30″	8.20	14.1	24″	10.80	24.3	48″	12.60	38.7
						30″	11.20	27.9			

Maximum Belt Speed for this type of Idler is 100 F. P. M.

Jeffrey Belt Conveyors

"Century" Conveyor Belt

Typical Cross-section of "Century" Conveyor Belt, 4-Ply 3/8" Cover



15646-I

THE "Century" Belt is made exclusively for us. The DUCK is of more than ordinary tensile strength longitudinally, and admits of great flexibility cross-wise thereby giving a close conformity to the troughing carriers and insuring maximum capacities.

The "FRICTION" or adhesive between the plies is a good substantial rubber compound of strong elastic tendrils, like threads, which hold the plies together and keep their life under proper working conditions during the service of the belt.

The COVER is strong, tenacious, and resilient. It protects the body of the belt from the entrance of moisture; cushions ordinary impact without injury; and reduces wear from abrasion to a minimum where proper loading facilities are installed.

The EDGES will stay on until the belt is worn through. The top cover in one piece is carried around the edges and into the back cover, where its ends are connected into the belt structure. Our belts are properly stretched at the time of curing. This avoids any troublesome skew of the belt when put in service, and makes a belt which will run straight and stay straight.

Century Rubber Belts are adapted to the handling of any materials either wet or dry, which are not of a plastically sticky nature. Some semi-adhesive substances however may be handled where rotating brushes, especially designed for such service, are used. Materials hotter than 140 degrees—150 degrees F, (60 degrees, to 66 degrees C) will too rapidly deteriorate rubber belts, and therefore should be reduced in temperature by baffle chutes or other means leading into the loading chute, before touching the belt.

A Belt should conform to a troughing carrier by its own weight in order to get the guiding action of the central horizontal pulleys of the carrier. If too stiff the belt will ride the inclined sides of the troughing pulleys or run out of line over the edges of the pulleys, thereby injuring the edges of the belt. If too flexible the belt will crease lengthwise in the bends of the carrier trough and be weak at the edges.

Weight Per Lineal Foot of Belts—Price on Application

PLY	Rubber Cover Top Side	Weight in Pounds per Lineal Foot of Belts of the Following Widths										Thickness
		12"	14"	16"	18"	20"	24"	30"	36"	42"	48"	
3	1/32"	1.27	1.48	1.69	1.90	2.11	2.53	3.16	3.79	4.42	5.05	7/32"
	1/16"	1.51	1.76	2.01	2.26	2.51	3.01	3.76	4.51	5.26	6.01	1/4"
	1/8"	1.99	2.32	2.65	2.98	3.31	3.97	4.96	5.95	6.94	7.93	5/16"
	3/16"	2.47	2.88	3.29	3.70	4.11	4.93	6.16	7.39	8.62	9.85	3/8"
4	1/32"	1.54	1.79	2.05	2.30	2.56	3.07	3.83	4.60	5.36	6.13	9/32"
	1/16"	1.78	2.07	2.37	2.66	2.96	3.55	4.43	5.32	6.20	7.09	5/16"
	1/8"	2.26	2.63	3.01	3.38	3.76	4.51	5.63	6.76	7.88	9.01	3/8"
	3/16"	2.74	3.19	3.65	4.10	4.56	5.47	6.83	8.20	9.56	10.93	7/16"
5	1/32"	1.80	2.10	2.40	2.70	3.00	3.60	4.50	5.40	6.30	7.20	11/32"
	1/16"	2.04	2.38	2.72	3.06	3.40	4.08	5.10	6.12	7.14	8.16	3/8"
	1/8"	2.52	2.94	3.36	3.78	4.20	5.04	6.30	7.56	8.82	10.08	7/16"
	3/16"	3.00	3.50	4.00	4.50	5.00	6.00	7.50	9.00	10.50	12.00	1/2"
6	1/32"	2.07	2.41	2.76	3.10	3.45	4.14	5.17	6.21	7.24	8.28	11/32"
	1/16"	2.31	2.69	3.08	3.46	3.85	4.62	5.77	6.93	8.08	9.24	7/16"
	1/8"	2.79	3.25	3.72	4.18	4.65	5.58	6.97	8.37	9.76	11.16	1/2"
	3/16"	3.27	3.81	4.36	4.90	5.45	6.54	8.17	9.81	11.44	13.08	9/16"
7	1/32"	2.33	2.72	3.11	3.50	3.89	4.67	5.84	7.01	8.18	9.35	13/32"
	1/16"	2.57	3.00	3.43	3.86	4.29	5.15	6.44	7.73	9.02	10.31	1/2"
	1/8"	3.05	3.56	4.07	4.58	5.09	6.11	7.64	9.17	10.70	12.23	9/16"
	3/16"	3.53	4.12	4.71	5.30	5.89	7.07	8.84	10.61	12.38	14.15	5/8"
8	1/32"	2.60	3.03	3.47	3.90	4.34	5.21	6.51	7.82	9.12	10.43	13/32"
	1/16"	2.84	3.31	3.79	4.26	4.74	5.69	7.11	8.54	9.96	11.39	9/16"
	1/8"	3.32	3.87	4.43	4.98	5.54	6.65	8.31	9.98	11.64	13.31	5/8"
	3/16"	3.80	4.43	5.07	5.70	6.34	7.61	9.51	11.42	13.32	15.23	11/16"

For Troughed Belts:—Between Heavy Zig Zag Lines, Standard Ply for Proper Flexibility.

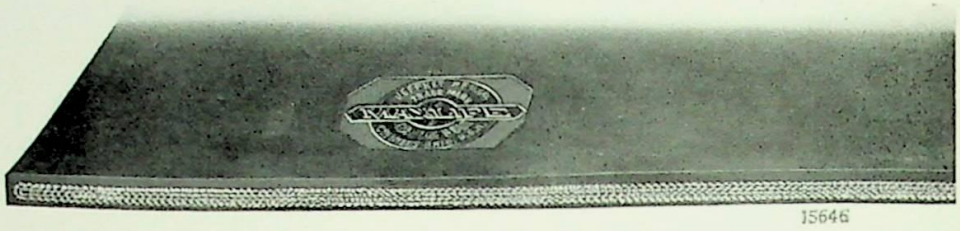
For Flat Belts:—All belts below upper Zig Zag Lines are Standard for Proper Flexibility, but for very light service 3 ply may be used for 16" and 18" with 4 ply for 24" belts.

Belt Covers best adapted to Light and Heavy Service

Rubber Covers:—For grain, sugar, corn, clay, sawdust, shavings, etc., use "Regular Cover" (About 1/32 inches thick); For cement, small coal, dirt, sand, etc. 1/16" cover; and for cold clinker, ores, stone, large coal, etc. 3/8" cover. At purchaser's request 3/16" and 1/4" covers are furnished for very severe service.

Jeffrey Belt Conveyors

"Maxlife" Conveyor Belting



"MAXLIFE" Belting embodies all of the high class construction features of the "Century" brand, plus an extra quality of rubber, both in toughness and wearing qualities for hard abrasive materials, and especially in such service where properly designed loading facilities cannot be completely attained or maintained with the "Century" brand.

This Belt while of par excellence for any material handled on a belt has its special or economical application in the Metal Mining Industry where the service is extremely hard and the tonnage large; in fact it was for that industry that "Maxlife" Belting was designed and built, after a most careful field analysis of all the elements entering into the handling of ores.

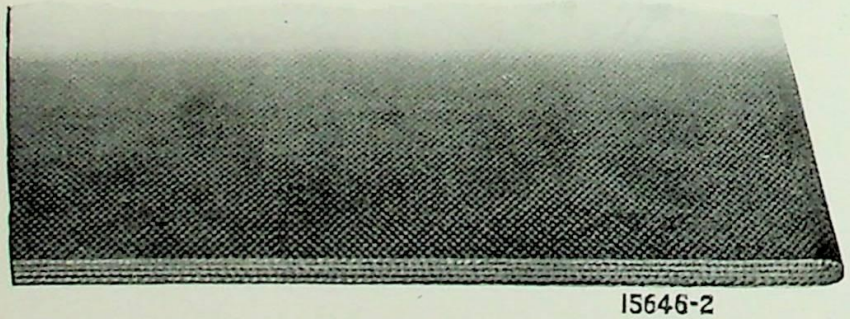
Price on Application

1/16", 1/8", 3/16", 1/4" Cover						1/16", 1/8", 3/16", 1/4" Cover						1/16", 1/8", 3/16", 1/4" Cover					
Width Inches	4 Ply	5 Ply	6 Ply	7 Ply	8 Ply	**Width Inches**	4 Ply	5 Ply	6 Ply	7 Ply	8 Ply	**Width Inches**	4 Ply	5 Ply	6 Ply	7 Ply	8 Ply
12	*	.....	.....	.....	.....	**24**	*	*	*	.....	.....	**36**	.....	*	*	*	*
14	*	.....	.....	.....	.....	26	*	*	*	.....	.....	**42**	.....	*	*	*	*
16	*	*	.....	.....	.....	28	*	*	*	.....	.....	**48**	.....	*	*	*	*
18	*	*	.....	.....	.....	**30**	*	*	*	.....	.....	54	.....	*	*	*	*
20	*	*	*	.....	.....	32	.....	*	*	*	*	60	.....	*	*	*	*
22	*	*	*	.....	.....	34	.....	*	*	*	*						

Bold Face Type indicates Belt Widths for Standard Carriers. Thickness of Cover at head of column applies to carrying side only. Belts over 450 to 500 feet long are furnished in 2 lengths, with the shorter pieces not less than 100 feet long.

*Indicates the plys of belt which can be furnished.

Balata Conveyor Belting—Price on Application

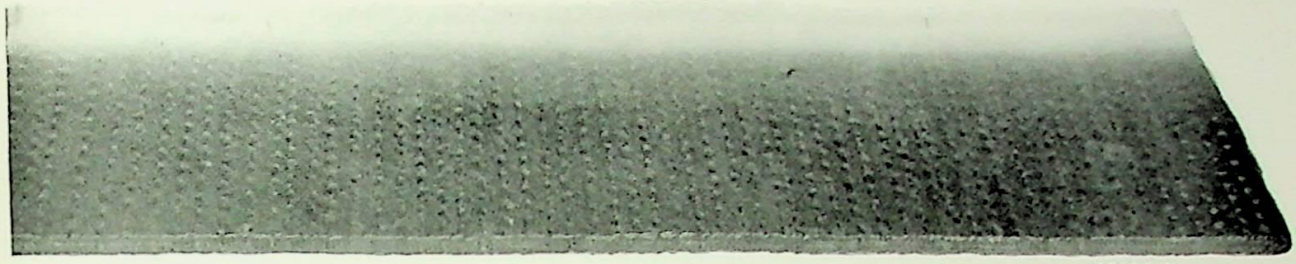

15646-2

BALATA Belt is made of very heavy duck impregnated with pure Balata gum solution. It is waterproof, has great tensile strength and wearing qualities and is well adapted to the handling of wet or dry abrasive and gritty materials at temperatures not exceeding 120 degrees Fahrenheit. It is run either troughed or flat and used extensively in the tile and sand and gravel industries.

Balata is a vegetable gum found in various parts of the Tropics and in nature is similar to India Rubber, but differs in that it has greater tensile strength, freedom from oxidation, and the fact it does not deteriorate with age. The Balata gum solution in a liquid form is applied under pressure to the fabric so that it penetrates every fibre of the fabric, thoroughly waterproofing it. The heavy duck used, reinforced by the Balata gum, eliminates undesirable stretch.

Jeffrey Belt Conveyors

Stitched Canvas Belting



15646-4

Jeffrey Stitched Canvas Belting is suited to the handling of non-abrasive and semi-gritty materials under dry or wet conditions, at temperatures not exceeding 212 degrees Fahrenheit.

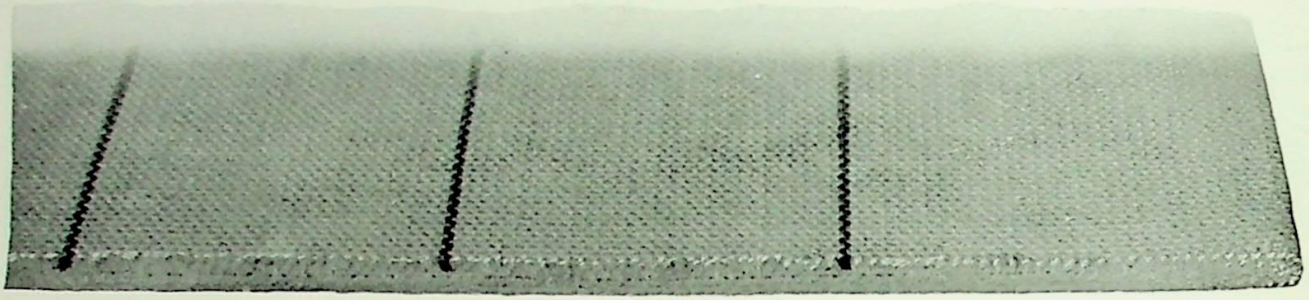
A special width of high grade cotton duck is woven for each width and ply of belting, thus giving two selvage edges, thereby insuring true and even running on the carriers. Every belt is stitched lengthwise with heavy cotton twine in rows about one-quarter inch apart, each row being perfectly straight for the entire length of the belt. The complete belts are immersed and saturated in a compound which renders them impervious to the action of water, steam, oils and gases, but does not affect their flexibility.

List Price per Foot

Width of Belt Inches	Number of Plies					
	3	4	5	6	8	10
4	$0.70	$0.82	$ 1.03	$ 1.23		
5	.87	1.02	1.28	1.53		
6	1.04	1.22	1.53	1.83	$ 2.44	$ 3.06
7		1.43	1.79	2.15	2.86	3.58
8		1.54	1.93	2.31	3.08	3.86
9		1.73	2.16	2.60	3.46	4.32
10		1.92	2.40	2.88	3.84	4.80
12		2.30	2.88	3.45	4.60	5.76
14		2.69	3.36	4.04	5.38	6.72
16		3.08	3.86	4.62	6.16	7.72
18		3.46	4.32	5.20	6.92	8.64
20		3.84	4.80	5.76	7.68	9.60
22		4.22	5.28	6.34	8.44	10.56
24		4.60	5.76	6.90	9.20	11.52
26		5.01	6.26	7.50	10.00	12.52
28		5.38	6.72	8.08	10.76	13.44
30		5.76	7.20	8.64	11.52	14.40
36		6.91	8.64	10.40	13.84	17.28
42		8.07	10.09	12.10	16.12	20.16
48		9.21	11.51	13.80	18.40	23.04

Jeffrey Belt Conveyors

Cotton Conveyor Belting



15646-3

Cotton Belting—The strength of this belt is equal to that of rubber or canvas, combined with exceptional flexibility; thus making it an excellent belt, for handling light non-abrasive materials or packages, etc., under dry conditions.

Cotton belting being solid woven, under a constant stress, the pull is distributed equally thru out all parts with no plies to separate.

List Price Per Foot

Width of Belt Inches	Number of Plies						
	2	3	4	5	6	8	10
4	$0.23	$0.32	$0.43	$0.56	$0.67	$0.90	
5	.28	.40	.53	.69	.84	1.15	
6	.33	.47	.63	.81	1.00	1.33	
7	.40	.58	.74	.96	1.20	1.60	
8	.44	.64	.84	1.08	1.35	1.80	
9	.55	.78	1.00	1.30	1.60	2.20	
10	.60	.85	1.10	1.45	1.75	2.50	$3.15
12	.68	.97	1.27	1.70	2.06	2.90	3.65
14	.84	1.18	1.53	1.98	2.40	3.40	4.25
16	.96	1.35	1.75	2.25	2.70	3.90	4.90
18	1.08	1.53	1.98	2.52	3.05	4.35	5.45
20	1.20	1.70	2.20	2.85	3.40	4.90	6.15
24	1.40	2.00	2.64	3.40	4.10	6.00	7.50
30	1.80	2.65	3.45	4.40	5.40	7.50	9.40
36	2.15	3.20	4.30	5.50	6.65	9.00	11.25
42	2.65	3.80	5.00	6.50	7.75	11.00	13.75
48	3.00	4.30	5.70	7.40	8.85	13.00	16.25

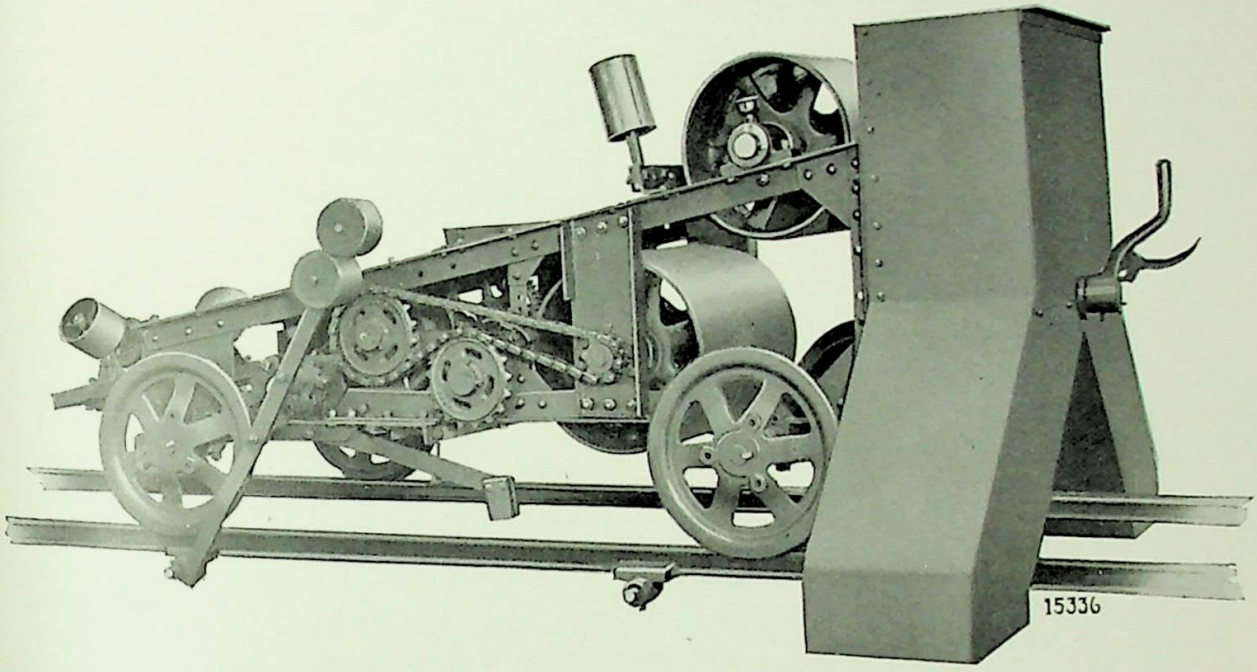
Full Rolls are 400 to 500 Feet.

Lacing. For all ordinary belt conveyor installations a flexible metallic lacing with teeth which clinch around the warp or lengthwise threads of the belt and not around the filler threads, should be used such as the "Alligator" and other similar brands. In lacing a belt be sure to first make the belt ends square with the sides.

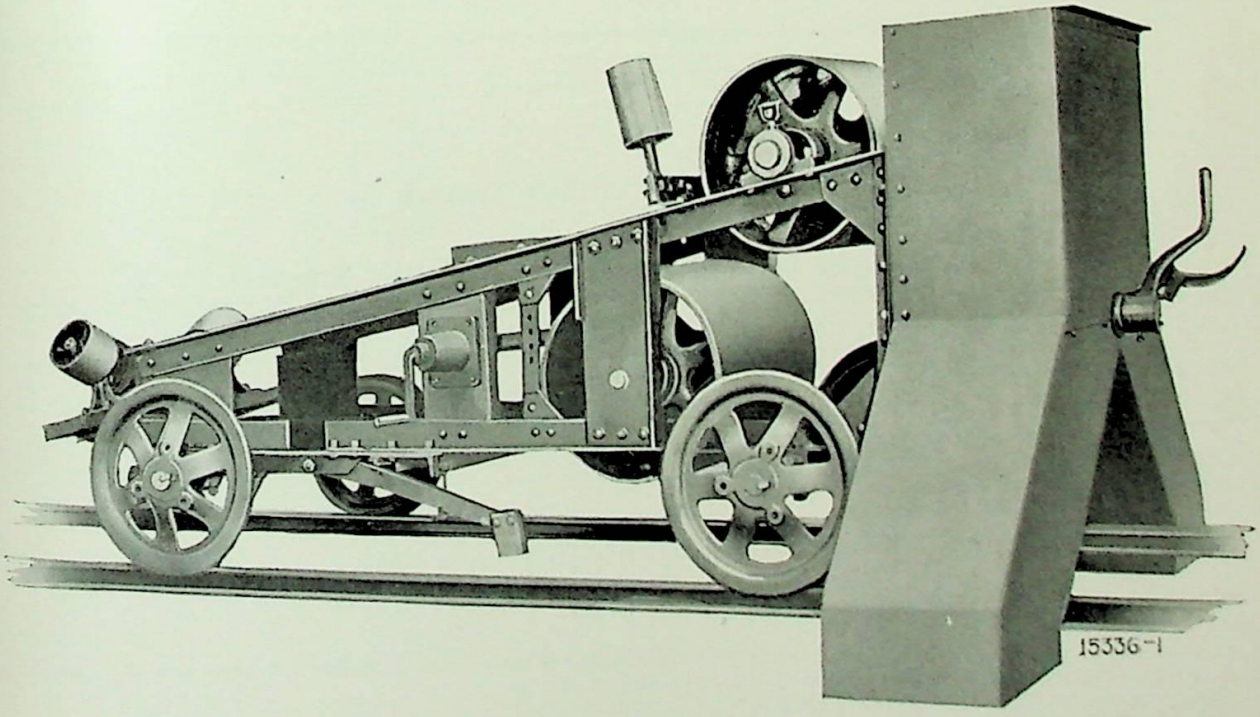
Jeffrey Belt Conveyors

Automatic Traveling Trippers

(Pat. applied for)



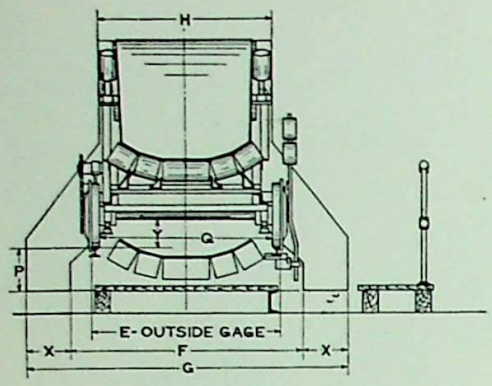
Self-Propelled Automatic Reversing Type

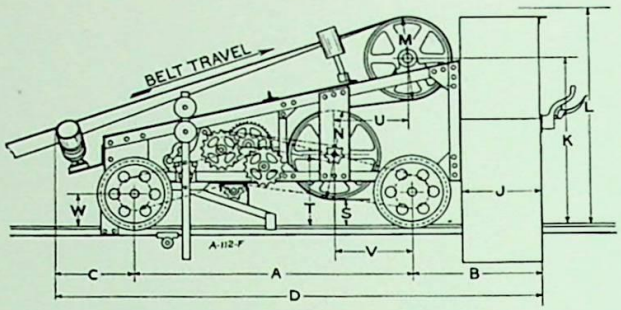


Hand-Propelled Belt Tripper

Jeffrey Belt Conveyors

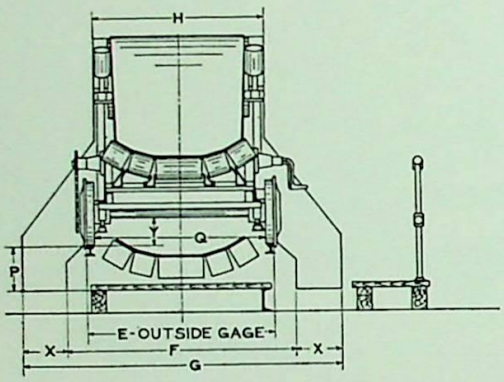
Automatic Traveling Trippers

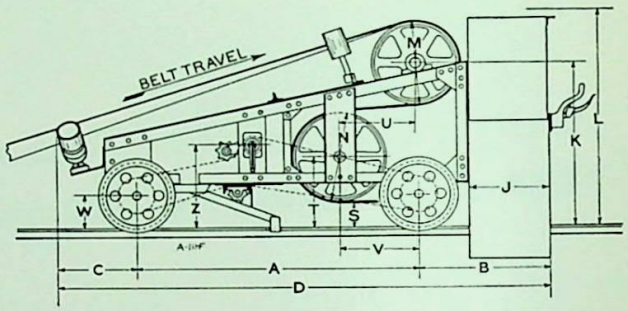


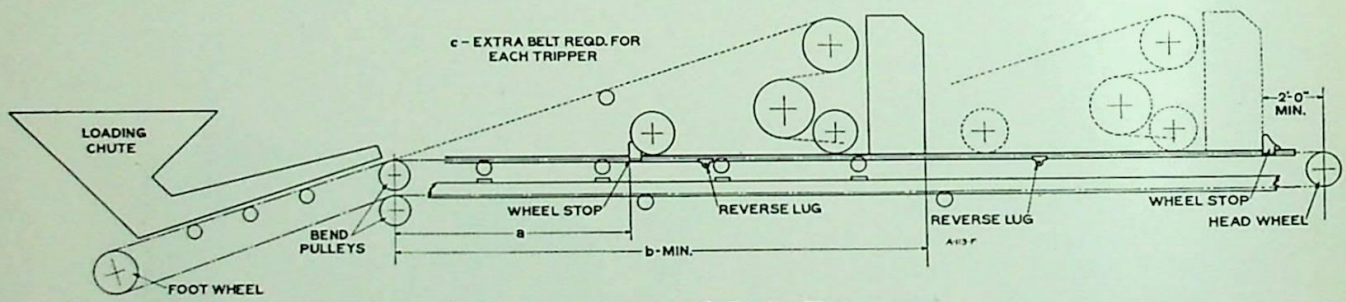


Self-Propelled Automatic Reversing Belt Tripper
(Right hand shown)

Hand-Propelled Belt Tripper
(Right hand shown)







General Arrangement of Belt Trippers

Dimensions of Hand and Self Propelled Belt Trippers

Width of Belt	A	B	C	D	E	F	G	H	J	K	L	M	N	P
18″	5′-5″	2′-2″	19″	9′- 2″	2′-8″	3′-7⅝″	5′- 4⅜″	2′- 3½″	14″	3′-0″	4′- 0″	16″	18″	9¼″
24″	5′-7″	2′-4″	20″	9′- 7″	3′-2″	4′-1⅝″	5′-11⅜″	2′- 9½″	16″	3′-2″	4′- 2½″	18″	20″	9¾″
30″	5′-9½″	2′-6″	20″	9′-11½″	3′-8″	4′-7⅝″	6′- 6⅜″	3′- 4″	18″	3′-5″	4′- 6¾″	20″	22″	12¾″
36″	6′-1¼″	2′-9″	20½″	10′- 6¾″	4′-2″	5′-1⅝″	7′- 2⅜″	3′-10″	20″	3′-8″	4′-10½″	22″	24″	12¾″

Width of Belt	Q	S	T	U	V	W	X	Y	Z	a	b	c
18″	2′- 5″	7″	16½″	17″	15½″	9″	10⅜″	7½″	21½″	7′-0″	15′- 6″	8′-0″
24″	2′-11″	7¼″	17¾″	17¼″	16¼″	9″	10⅞″	7½″	21½″	7′-0″	15′-10″	8′-6″
30″	3′- 3″	7½″	19″	17¾″	17¼″	9″	11⅜″	7½″	21¾″	7′-0″	16′- 3″	9′-0″
36″	3′- 9″	6½″	19″	18½″	20″	9″	12⅜″	7½″	21¾″	7′-0″	16′- 9″	10′-0″

Unless otherwise specified, trippers are furnished right hand as shown. A right hand tripper has the operating mechanism on the right hand side looking in the direction of belt travel.

Trippers can be fitted with cleaning brushes if so desired.

When ordering Belt Conveyor, specify extra belt as given by "c" in table.

Do not use Guide Idlers with either of the Trippers.

Add 3 to 4 inches to dimensions given above for proper clearance to any outside structure.

Support Tripper rails midway between troughing carriers with rail joints over such supports.

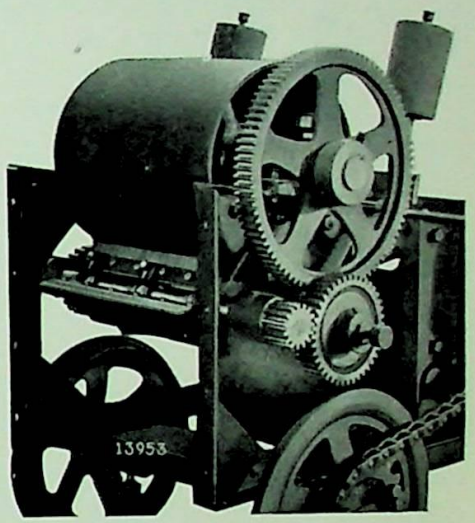
Jeffrey Belt Conveyors

Traveling Trippers

TRIPPERS must be used where it is necessary to discharge the load from the belt at intermediate points along the length of the conveyor. If the discharge is at one fixed point a Stationary Tripper may be used.

To discharge at a number of points along a conveyor, it was formerly customary to install a number of stationary trippers with a chute and a valve at each point so arranged that the material carried could be loaded back onto the belt and be carried to the next tripper. However, as the life of a belt is shortened in proportion to the number of loading points onto it, it readily can be seen that this method was far from being ideal. For such conditions we recommend one of the Travelling Trippers shown on the opposite page.

Jeffrey Belt Trippers are of rigid structural steel construction. They are made in two types, hand-propelled and self-propelled automatic reversing. The hand-propelled is used where it is desirous of discharging the load at various points from time to time. The self-propelled automatic reversing is used where a uniform distribution of the material from a given portion of the conveyor is desired. The self-propelled Tripper is equipped with self-contained drive jack propelling the tripper thru disc type friction clutches thus assuring an easy stopping and starting as the tripper reaches the end of its run. After starting it will move regularly back and forth without further attention. Chutes arranged for discharging forward onto belts can be furnished at extra charge but Brush Device cannot be supplied with this type of chute.



Brush Drive, with gear guard removed.

List Prices and Weights—Hand Propelled Trippers

Width of Belt Inches	*List Price Without Brush	Approx. Weight Lbs.	Add for Brush Device with Brush	
			List Price	Approx. Weight Lbs.
16	$800.00	1950	$200.00	390
18	800.00	1950	205.00	395
20	850.00	2250	210.00	400
24	875.00	2250	220.00	410
30	925.00	2650	236.00	465
36	1000.00	3250	252.00	475
42	1125.00	4100	270.00	535
48	1250.00	4800	290.00	545

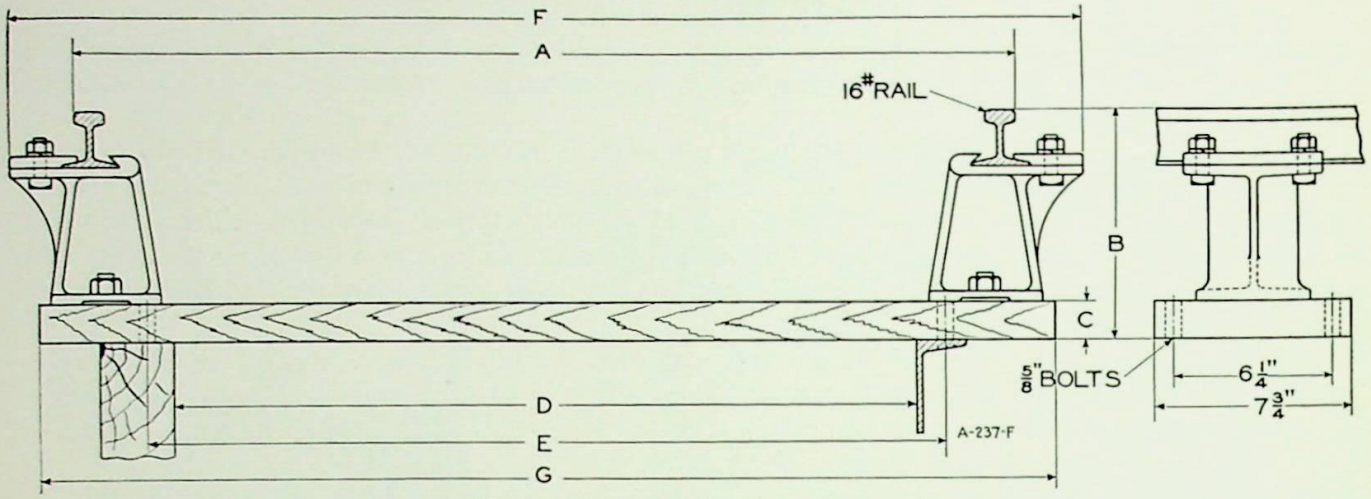
List Prices and Weights—Self-Propelled Automatic Reversing Trippers

Width of Belt Inches	*List Price Without Brush	Approx. Weight Lbs.	Add for Brush Device with Brush	
			List Price	Approx. Weight Lbs.
16	$1100.00	2450	$200.00	390
18	1100.00	2450	205.00	395
20	1150.00	2750	210.00	400
24	1180.00	2750	220.00	410
30	1230.00	3150	236.00	465
36	1320.00	3750	252.00	475
42	1450.00	4700	270.00	535
48	1600.00	5400	290.00	545

*Wheel Stops furnished at extra charge. Standard two-way discharge chutes with ¼ inch steel lining front and bottom included in price.

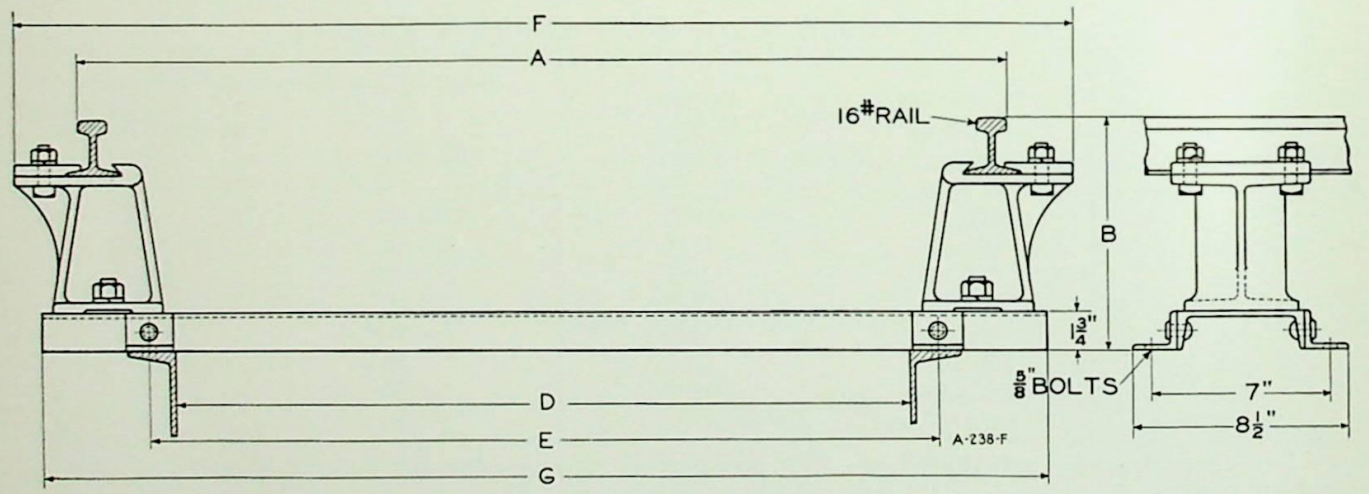
Jeffrey Belt Conveyors

Rail Brackets for Supporting Trippers



Mounted on Wooden Boards

Width of Belt Inches	List Price Per Pair Mounted on Board	* List Price Per Pair Without Board	Pattern No. for Bracket	Approx. Weight Pounds	Dimensions—Inches						
					A	B	C	D	E	F	G
14	$ 7.00	$5.50	22791	28	29	7 1/4	1 1/8	20	22 1/4	34 1/4	32
16	7.00	5.50	22791	28 1/2	31	7 1/4	1 1/8	22	24 1/4	36 1/4	34
18	8.20	6.50	22792	36 1/2	32	9 1/4	1 1/8	24	26 1/4	37 1/4	35
20	8.40	6.50	22792	37	34	9 1/4	1 1/8	26	28 1/4	39 1/4	37
24	8.80	6.50	22792	41 1/2	38	9 3/4	1 5/8	30	32 1/4	43 1/4	41
30	10.00	7.50	29341	49 1/2	44	12 3/4	1 5/8	38	40 1/4	49 1/4	47
36	10.20	7.50	29341	51	50	12 3/4	1 5/8	44	46 1/4	55 1/4	53
42	10.40	7.50	29341	53	56	12 3/4	1 5/8	50	52 1/4	61 1/4	59
48	10.60	7.50	29341	54 1/2	62	12 3/4	1 5/8	56	58 1/4	67 1/4	65



Mounted on Steel Channels

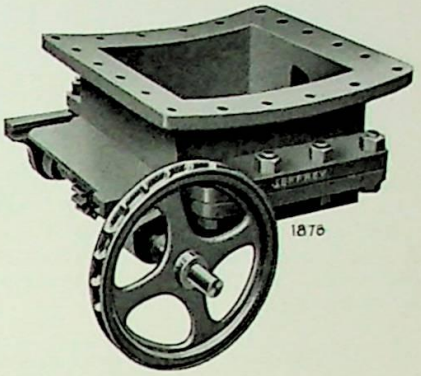
Width of Belt Inches	List Price Per Pair Mounted on Channel Base	* List Price Per Pair Without Base	Pattern No. for Bracket	Nonimal Height Bracket Only In.	Approx. Weight Pounds	Dimensions—Inches					
						A	B	D	E	F	G
14	$ 9.40	$ 5.50	22791	3 3/4	41	29	7 7/8	20	22 1/4	34 1/4	31 1/2
16	9.40	5.50	22791	3 3/4	42	31	7 7/8	22	24 1/4	36 1/4	33 1/2
18	10.60	6.50	22792	5 3/4	50 1/2	32	9 7/8	24	26 1/4	37 1/4	34 1/2
20	10.80	6.50	22792	5 3/4	52	34	9 7/8	26	28 1/4	39 1/4	36 1/2
24	11.00	6.50	22792	5 3/4	54	38	9 7/8	30	32 1/4	43 1/4	40 1/2
30	12.30	7.50	29341	8 3/4	63 1/2	44	12 7/8	38	40 1/4	49 1/4	46 1/2
36	12.60	7.50	29341	8 3/4	67	50	12 7/8	44	46 1/4	55 1/4	52 1/2
42	13.00	7.50	29341	8 3/4	70 1/2	56	12 7/8	50	52 1/4	61 1/4	58 1/2
48	13.40	7.50	29341	8 3/4	73 1/2	62	12 7/8	56	58 1/4	67 1/4	64 1/2

* Price covers a pair of brackets with rail clips and bolts for same.
Bolts for attaching to Boards or Base not included in price.

Jeffrey Bin Valves

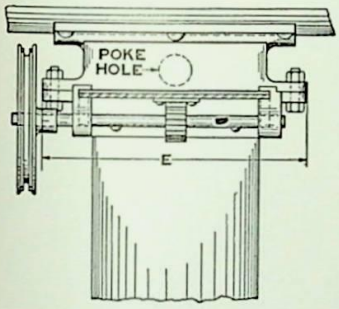
Rack and Pinion Type

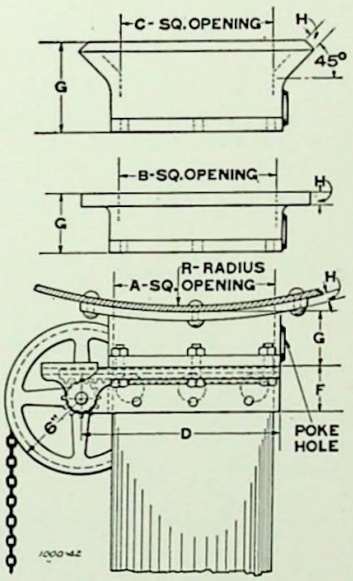
RACK and Pinion Bin Valves are extensively used in connection with Dump Hoppers, Storage Bins, etc. They are rugged and substantial in every detail and by means of the great leverage secured through the hand or chain wheel in connection with the gear pinion and rack under the valve plate a large closing pressure may be readily secured.



Jeffrey Style B-3 Rack and Pinion Bin Valve

Valve Plate operates on rollers as shown in line drawing below.





Valves are furnished with 12″ hand wheels or 12″ pocket sheaves as ordered. The operating chain for pocket sheaves is extra, as given on page 117. Where the valve is to be operated at a distance, just sufficient chain may be secured to operate the valve, the free ends of the chain being connected to extension wires or ropes.

In practice it has been found that bolt holes in bin should be punched in field to match valves.

List Prices and Dimensions of Rack and Pinion Bin Valve

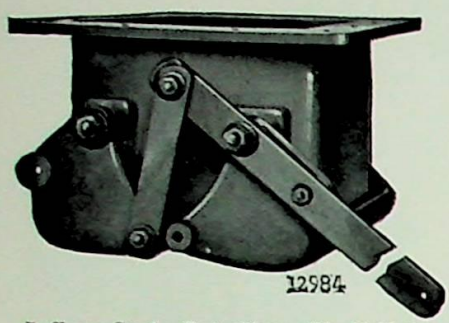
Style	Item No.	List Price* Valve Plate resting upon rollers	Approx. Weight Lbs.	Dimensions in inches									Pattern No. of Nozzle at Bin
				A	B	C	D	E	F	G	H	R	
	† 1	$ 96.00	300	14	.....	.....	17 5/8	22 1/4	5	4 5/8	7/8	54	24361
	2	96.00	300	14	.....	.....	17 5/8	22 1/4	5	4 5/8	7/8	45	19883
	3	96.00	300	14	.....	.....	17 5/8	22 1/4	5	4 5/8	7/8	36	17602
Curved	4	96.00	300	14	.....	.....	17 5/8	22 1/4	5	4 5/8	7/8	18	18320
Flange	5	96.00	300	14	.....	.....	17 5/8	22 1/4	5	4 5/8	7/8	85	61468
Nozzle	6	96.00	300	14	.....	.....	17 5/8	22 1/4	5	4 5/8	7/8	60	60419
	7	96.00	300	14	.....	.....	17 5/8	22 1/4	5	4 5/8	7/8	54 5/16	8140
	8	140.00	500	20	.....	.....	23 1/4	28 3/4	5	6	1 3/8	45	19217
Flat	9	96.00	300	.....	14	.....	17 5/8	22 1/4	5	4 5/8	7/8	.....	9477
Flange	10	96.00	300	.....	14	.....	17 5/8	22 1/4	5	6 5/8	7/8	.....	19518
Nozzle	11	140.00	500	.....	20	.....	23 1/4	28 3/4	5	7	1 3/8	.....	19557
45° Bevel Flange Nozzle	12	96.00	300	.....	.....	14	17 5/8	22 1/4	5	6 1/4	7/8	.....	18883

* In ordering give Style and Item Number. No Hand Chains included in Prices. See page 117.

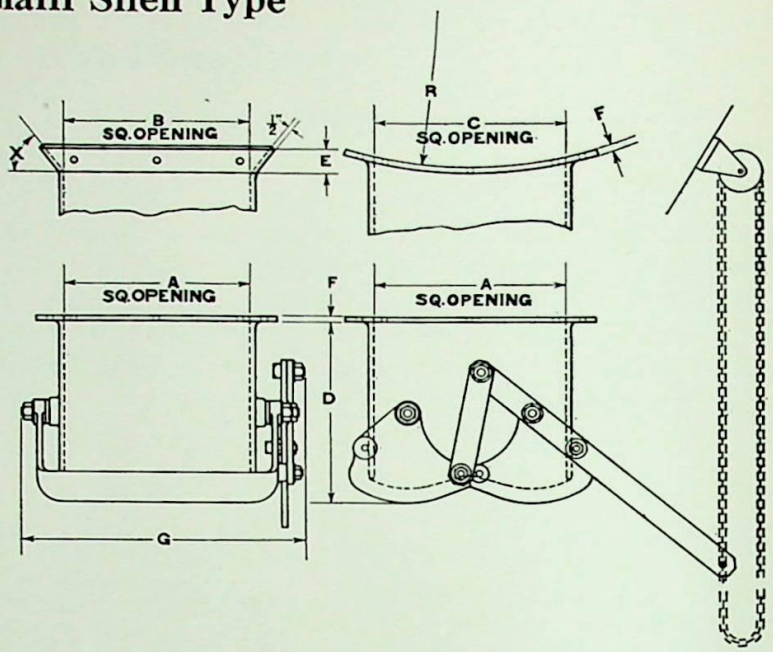
†Operates at right angles to that shown above.

Jeffrey Bin Valves

Clam Shell Type



Jeffrey Style B-1 Clam Shell Valve. A quick operating valve for bottom discharge. Both jaws are operated by one lever.



In practice it has been found best that bolt holes in bin should be punched in field to match valves.

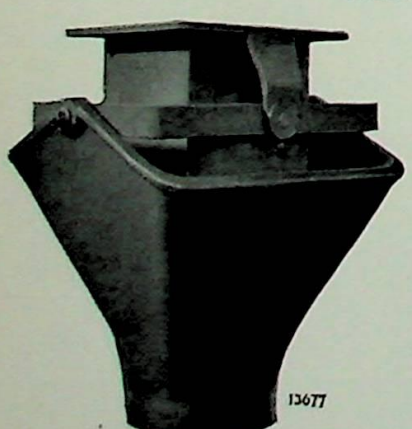
We can furnish 24″ valves with steel body variable to 48″ maximum width. Dimensions and Prices on Application.

List Prices and General Dimensions

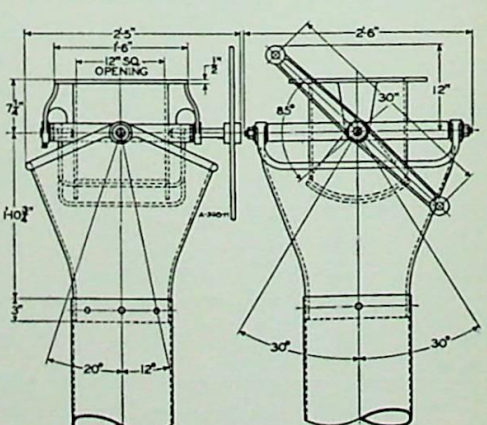
Style of Top	Item No.	List Price with Operating Lever Without Hand Chain or Sheave	A	B	C	D	E	F	G	R	X	Approx. Weight Lbs.	Pattern No. of Body
Flat Flange	1	$ 61.00	14″	.....	.....	12⅞″	.....	¾″	2′- 0½″	.....	.....	310	64661
	2	82.00	16″	.....	.....	15¾″	.....	¾″	2′- 2⅝″	.....	.....	361	62100
	3	105.00	20″	.....	.....	19¾″	.....	¾″	2′- 7″	.....	.....	547	62087
	4	141.00	24″	.....	.....	22⅞″	.....	¾″	2′-10½″	.....	.....	588	62351
Bevel Flange	5	61.00	.....	14″	.....	12⅞″	2½″	.....	2′- 0½″	.....	52°	290	64664
	6	82.00	.....	16″	.....	15¾″	2½″	.....	2′- 2⅝″	.....	52°	345	62112
	7	105.00	.....	20″	.....	19¾″	2½″	.....	2′- 7″	.....	52°	537	62355
	8	141.00	.....	24″	.....	22⅞″	2½″	.....	2′-10½″	.....	52°	577	62353
Curved Flange	9	61.00	.....	.....	14″	12⅞″	.....	¾″	2′- 0½″	4′-0″	.....	310	64666
	10	82.00	.....	.....	16″	15¾″	.....	¾″	2′- 2⅝″	4′-0″	.....	380	62094
	11	84.00	.....	.....	16″	15¾″	.....	¾″	2′- 2⅝″	6′-0″	.....	380	64758
	12	105.00	.....	.....	20″	19¾″	.....	¾″	2′- 7″	4′-0″	.....	558	62354
	13	105.00	.....	.....	20″	15¾″	.....	¾″	2′- 7″	4′-3″	.....	558	63432
	14	141.00	.....	.....	24″	22⅞″	.....	¾″	2′-10½″	4′-0″	.....	608	62352

In ordering give Style and Item Number.
List Price of Cast Iron Bracket, Pattern 4112 with 8″ diameter Sheave, Pat. 3695, $13.00.
List Price of $\frac{3}{16}$″ Coil Chain for operating, $0.20 per foot.

Undercut Valve with Spout Head

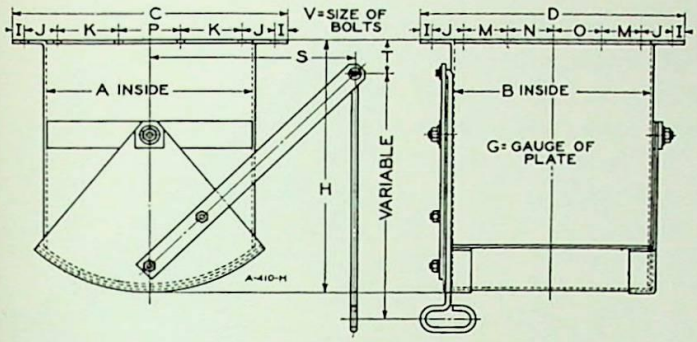


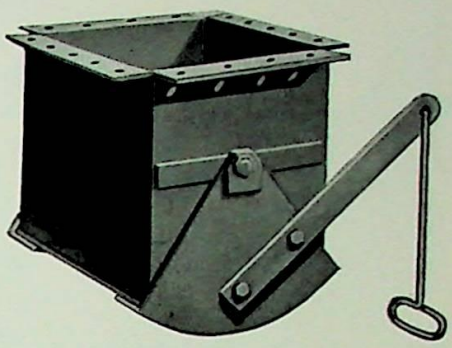
This heavy cast iron under cut bin valve is fitted with a universal-joint suspended cast iron spout head that can be swung in any direction. In this way one spout can be made to serve several stokers.



Jeffrey Bin Valves

Style B-2 Simplex Valve



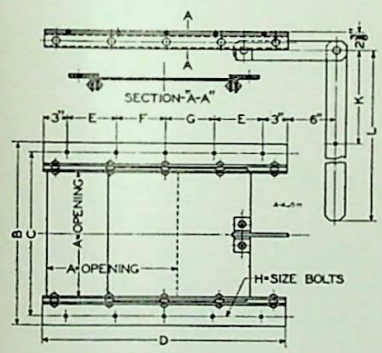


Jeffrey Style B-2 Simplex Valve, with single leaf for bottom discharge, gives economical and dependable service in the handling of crushed stone and similar materials.

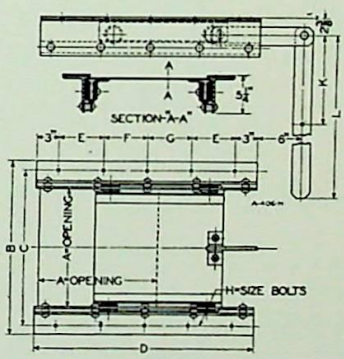
Dimensions and Weights—Prices on Application

Size Valve		Approx. Weight Pounds	Dimensions—Inches												
A	B		C	D	G	H	I	J	K	M	N	O	P	S	T	V
8	8	36	12½	12½	No.10	11 1/16	¾	2½	0	0	6	0	6	8	1½	½
12	12	88	17¼	17¼	3/16	15 15/16	⅞	2⅝	5⅛	5⅛	0	0	0	12	2 3/16	⅝
12	16	97	17¼	21¼	3/16	15 15/16	⅞	2⅝	5⅛	4¾	4¾	0	0	12	2 3/16	⅝
12	20	106	17¼	25¼	3/16	15 15/16	⅞	2⅝	5⅛	4⅝	4½	4½	0	12	2 3/16	⅝
18	18	203	24¼	24¼	¼	23⅝	1⅛	3⅛	5¼	5¼	5¼	0	5¼	18	3⅛	¾
18	24	231	24¼	30¼	¼	23⅝	1⅛	3⅛	5¼	5½	5⅜	5⅜	5¼	18	3⅛	¾

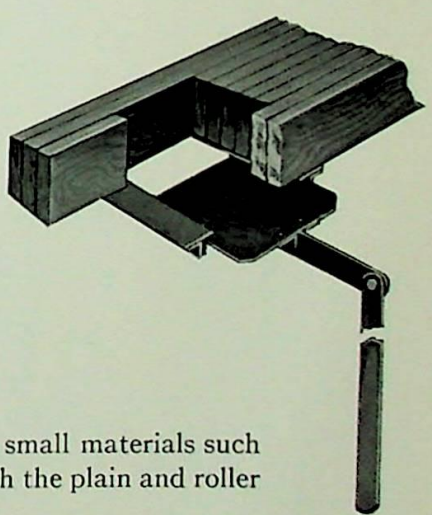
Style B-4 Slide Valve



Style B-4 Plain Slide Valve



Style B-4 Roller Slide Valve



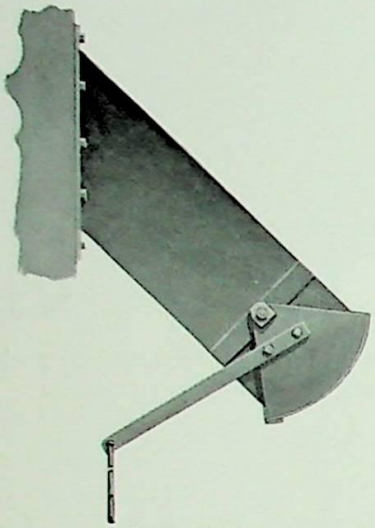
Jeffrey Style B-4 Horizontal Sliding Bin Gate for handling small materials such as sand, gravel and crushed stone. These valves are made in both the plain and roller construction.

Dimensions and Weights—Prices on Application

Size Valve	Approx. Weight Pounds	Dimensions—Inches									
		A	B	C	D	E	F	G	H	K	L
Plain Slide Valves											
12 x 12	67	12	20	17	22	8	0	0	½	9½	38
16 x 16	95	16	24	21	30	8	8	0	⅝	12	48
20 x 20	119	20	28	25	38	8	8	8	⅝	14½	58
24 x 24	150	24	32	29	46	10	10	10	¾	17	68
Roller Slide Valves											
12 x 12	110	12	20	17½	25¼	9⅝	0	0	½	9½	38
16 x 16	144	16	24	21½	33¼	9	9¼	0	⅝	12	48
20 x 20	185	20	28	25½	41¼	8¾	8⅞	8⅞	⅝	14½	58
24 x 24	223	24	32	29½	49¼	10 13/16	10 13/16	10 13/16	¾	17	68

Jeffrey Bin Valves

Styles S-2 and S-3

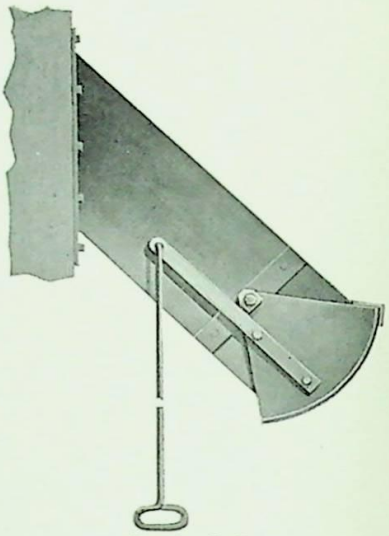


Style S-2

The Jeffrey Style S-2 Side Discharge Valve with undercut gate, is opened by pushing the rod up and closed by pulling the rod down. This type can be furnished either plain or with counterweight.

A hinged extension chute also can be provided in lengths to suit requirements but 3′-0″ is our standard length.

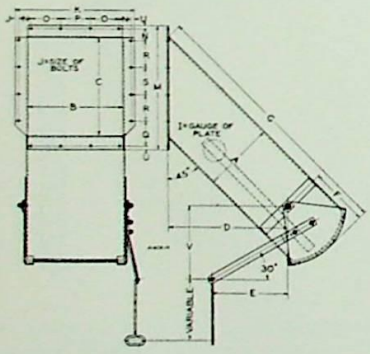
The Style S-3 Valve opens by pulling the lever down and lifting the valve plate. The weight of the plate closes the valve when the lever is released.



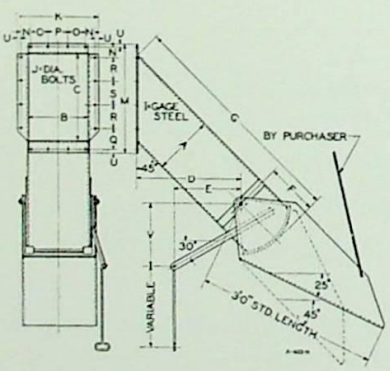
Style S-3

Weights—Prices on Application

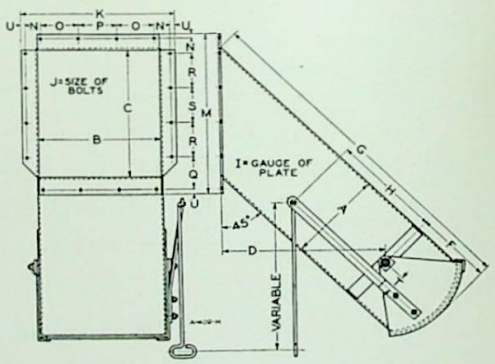
Size Valve	Approx. Weight—Pounds			
	Style S-2 Plain	Style S-2 Counter-Weighted	Style S-2-a Extension	Style S-3
8 x 8	62	70	54	66
12 x 12	145	167	72	145
12 x 16	163	187	78	163
12 x 20	186	211	90	186
18 x 18	396	442	144	397
18 x 24	454	504	162	455
24 x 24	690	762	180	693



Style S-2 Valve



Style S-2 a Hinged Extension Chute for Style S-2 Valve

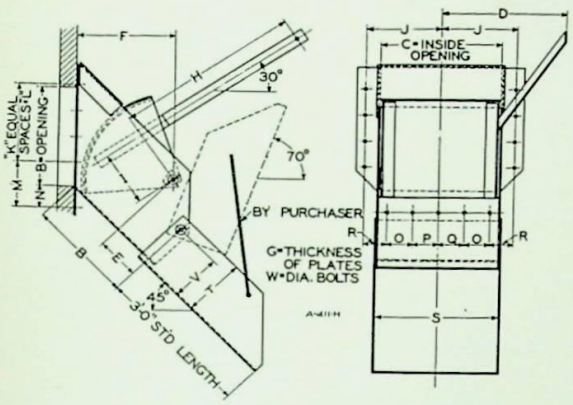


Style S-3 Valve

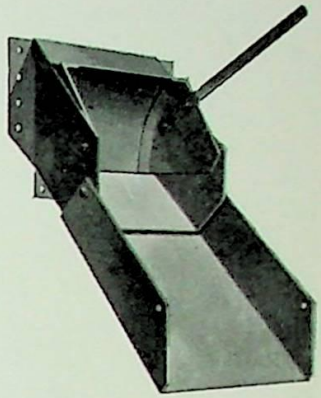
Size Valve		Dimensions—Inches																		
A	B	C	D	E	F	G	H	I	J	K	M	N	O	P	Q	R	S	T	U	V
8	8	11 5/16	13 1/2	8 3/4	6 11/16	29 11/16	11 1/2	3/16	1/2	13 1/2	17 1/16	2 3/4	0	6 1/2	5 1/2	0	7 5/16	1 1/2	3/4	8 1/16
12	12	17	20 1/2	12 15/16	10 3/16	45 1/8	16 15/16	3/16	1/2	17 1/2	23	2 3/4	5 1/4	0	6	6 3/8	0	2 1/4	3/4	12 9/16
12	16	17	20 1/2	12 15/16	10 3/16	45 1/8	16 15/16	3/16	1/2	21 1/2	23	2 3/4	7 1/4	0	6	6 3/8	0	2 1/4	3/4	12 9/16
12	20	17	20 1/2	12 15/16	10 3/16	45 1/8	16 15/16	3/16	1/2	25 1/2	23	2 3/4	9 1/4	0	6	6 3/8	0	2 1/4	3/4	12 9/16
18	18	25 7/16	30 3/4	19 3/4	14 3/4	67 1/8	25 3/8	1/4	5/8	24	31 15/16	3	8 1/8	0	6 7/16	6 7/8	7	3 1/2	7/8	18 1/2
18	24	25 7/16	30 3/4	19 3/4	14 3/4	67 1/8	25 3/8	1/4	5/8	30	31 15/16	3	7 3/8	7 1/2	6 7/16	6 7/8	7	3 1/2	7/8	18 1/2
24	24	33 15/16	41	26 7/8	19 1/2	89 3/8	35 1/4	1/4	3/4	31	41 7/16	3 1/2	7 3/8	7 1/4	7 7/16	9 1/2	9 1/2	4 1/2	1	23 7/8

Jeffrey Bin Valves

Style S-1 Side Valve

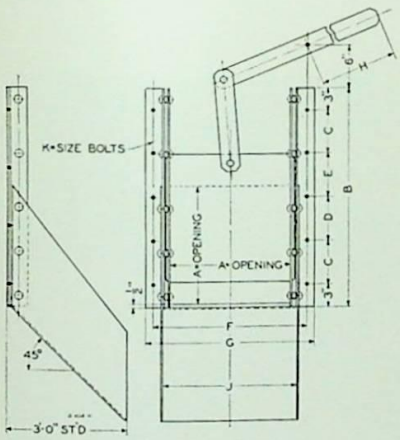


Jeffrey Style S-1 Side Discharge Bin Gates, for loading railroad cars and trucks, are built to withstand hard service. They operate easily and permit an accurate control of the flow of material. The standard hinged chute is 3′-0″ long, although other lengths can be furnished.



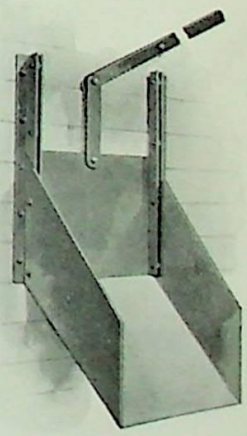
Dimensions and Weights—Prices on Application

Size Valve		With 3′-0″ Extension	Dimensions—Inches																	
B	C	Approx. Weight Pounds	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	V	W
8	8	75	9 5/8	3 1/4	7 1/4	3/16	16	4 1/8	5 11/16	1	6	4 1/2	2 1/4	0	6	0	2 11/16	8 5/8	4 5/8	3 3/4	1/2
12	12	130	11 9/16	5	11	3/16	21	6 1/2	7 11/16	2	9 1/2	5 1/2	2 1/2	5	0	0	2 11/16	12 5/8	7	5 5/8	5/8
12	16	145	13 9/16	5	11	3/16	21	6 1/2	9 11/16	2	9 1/2	5 1/2	2 1/2	5	5	0	2 3/16	16 5/8	7	5 5/8	5/8
12	20	162	15 9/16	5	11	3/16	21	6 1/2	11 11/16	2	9 1/2	5 1/2	2 1/2	4 1/2	4 1/2	4 1/2	3 1/8	20 5/8	7	5 5/8	5/8
18	18	311	17 5/16	7 1/2	16 1/2	1/4	32	9 5/16	10 3/4	2	15	7 1/2	3 3/4	7	0	0	3 3/4	19	10 1/2	8 3/8	3/4
18	24	350	20 5/16	7 1/2	16 1/2	1/4	32	9 5/16	13 3/4	2	15	7 1/2	3 3/4	5 1/2	5 1/2	5 1/2	2 3/4	25	10 1/2	8 3/8	3/4
24	24	477	23	10	22	1/4	42	12 1/4	13 3/4	3	22 1/2	7 1/2	4	5 1/2	5 1/2	5 1/2	2 3/4	25	14	11 1/4	3/4
24	30	524	26	10	22	1/4	42	12 1/4	16 3/4	3	22 1/2	7 1/2	4	7	7	7	2 3/4	31	14	11 1/4	3/4



Style S-5 Lever Operated Bin Gate with Chute

Jeffrey Style S-5 Vertical Lever Operated Bin Gates are furnished with chutes having a 3′-0″ standard extension. Other lengths of chutes can be furnished at additional cost.

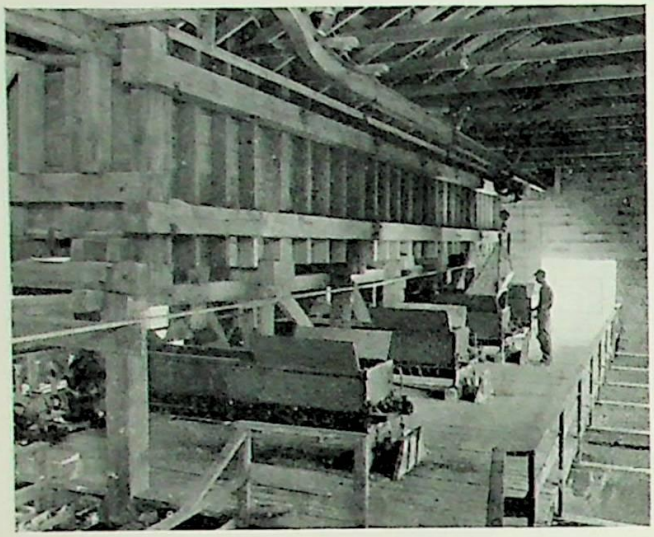


Dimensions and Weights—Prices on Application

Size Valve	With 3′-0″ Extension	Dimensions—Inches									
	Approx. Weight Pounds	A	B	C	D	E	F	G	H	J	K
12 x 12	143	12	22	8	0	0	16 1/2	18 1/2	28 1/2	14	1/2
16 x 16	197	16	30	8	8	0	20 1/2	22 1/2	36	18	5/8
20 x 20	243	20	38	8	8	8	24 1/2	26 1/2	43 1/2	22	5/8
24 x 24	300	24	46	10	10	10	28 1/2	30 1/2	51	26	3/4

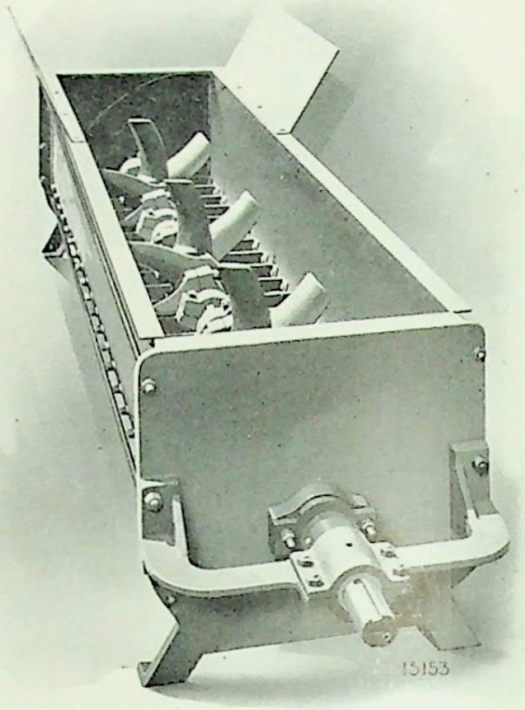
Jeffrey Mortar Mixing Equipment

Pug Mill



A Battery of Pug Mills in a Modern Mortar Mixing Plant

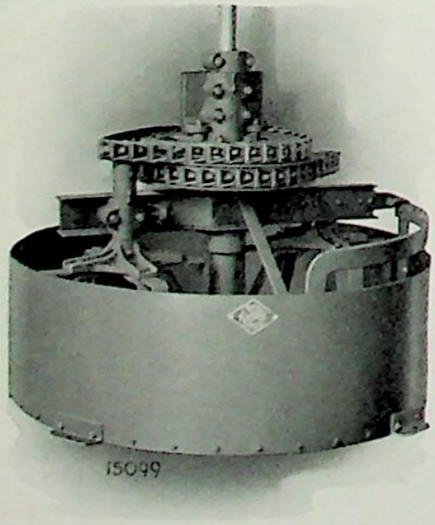
THE Jeffrey Pug Mill is a highly efficient machine for the mixing of mortar in centralized mortar mixing plants. It will mix 4000 pounds of mortar in five minutes, or with the delays consequent to loading and unloading, it has a capacity of approximately 100 tons of mixed mortar per day. Weight of machine as shown at right is about 2400 pounds. Full particulars upon request.

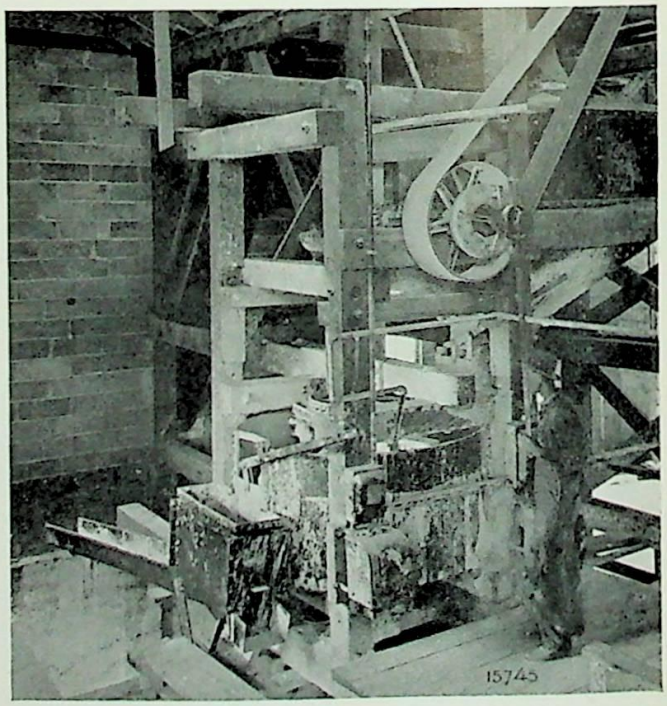


The above view shows the sturdy construction of the Jeffrey Pug Mill, with its heavy cast iron mixing paddles.

Lime Slacker

The Jeffrey Lime Slacker has proven a remarkable machine for the slacking of lime. The vertical revolving fingers, which are driven by the chains from the vertical shaft give a most efficient stiring motion. Ten to fifteen bushels of lime can be slacked in from 8 to 10 minutes.

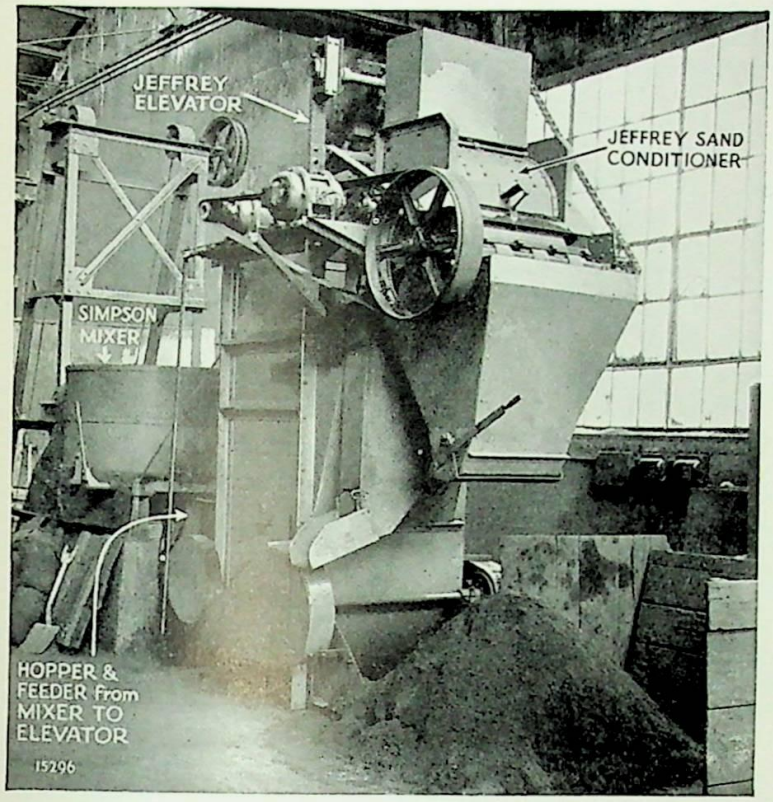




These two views show the Jeffrey Lime Slacker and a typical installation.

Jeffrey Foundry Equipment

Sand Conditioner

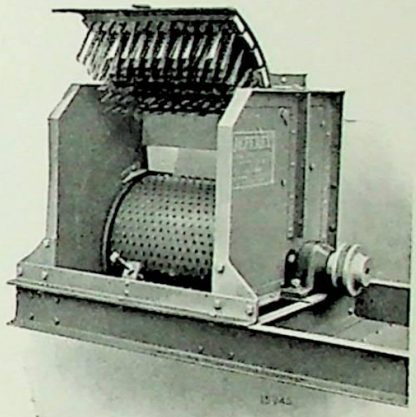


Above is shown a typical installation of the Sand-Conditioner for disintegrating lumps and aerating sand following a mixing and tempering machine. In this installation the Sand-Conditioner is supported on the casing of an elevator which acts as a feeder.

Complete Information Upon Request

Prepares the Sand for the production of Cleaner and Finer Castings.

THE Jeffrey Sand-Conditioner has a two-fold application to the foundry. Its chief use is for the disintegration and aeration of tempered foundry sand. Its other use is for cutting up shake-out sand and new sand before delivery to a mixer. By reducing the lumps of dry sand in the shake-out and by cutting up the lumps of new sand ahead of the mixing process, the efficiency of the mixer is increased both as to quality of work and capacity.



(Patented)

The Jeffrey Sand Conditioner unit may be arranged for either belt drive or for direct connection through a flexible coupling to an electric motor. It is built in sizes to suit any ordinary capacities.

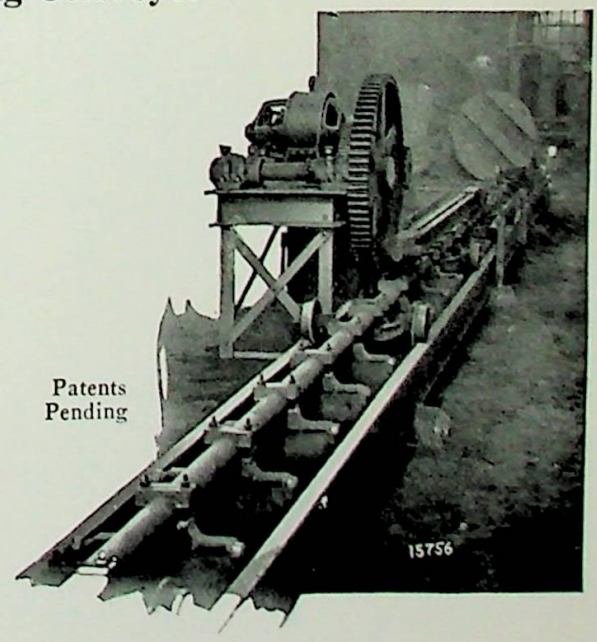
Reciprocating Conveyor

Conveys—Mixes—Cools—Tempers

The Jeffrey Reciprocating Conveyor can be used in any foundry where there is need of conveying foundry sand from place to place. It can be used as:

- A shake-out sand conveyor
- A sand tempering machine
- A sand cooling machine
- A sand distributor to storage hoppers
- A feeder to and from elevators, aerators or hoppers.

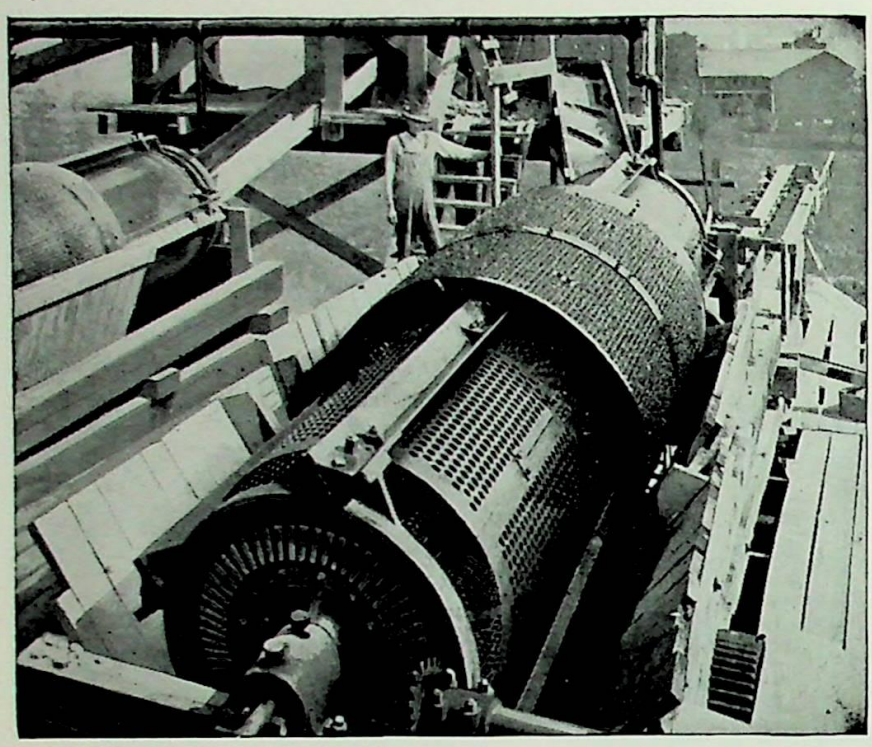
Full particulars on request.



Patents Pending

Jeffrey Revolving Screens

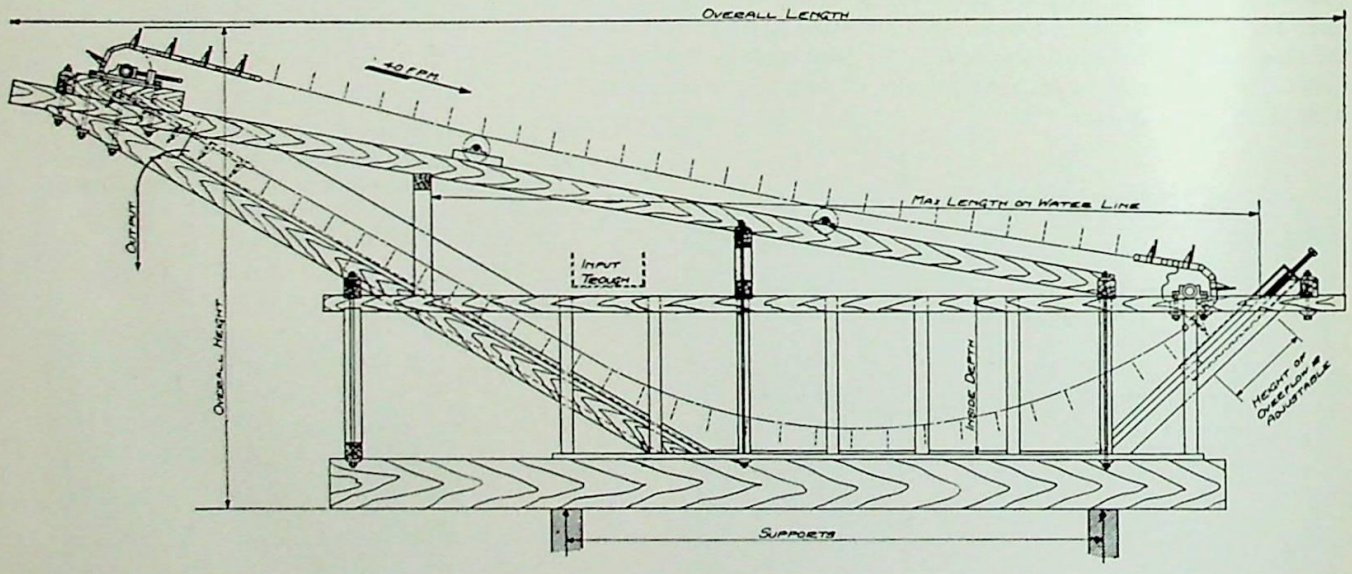
For Washing and Separating



HERE are some features of Jeffrey Revolving Screens that insure efficient washing and separating: Large scrubbing sections with high pressure spray pipes entering screen at both ends; easily changed screen plates; separate renewable drive parts; large trunnion rollers and bearings; substantial end castings; lower end bearing adjustment and mounted integral with countershaft.

Jeffrey Revolving Screens are built in the following sizes: 36, 42 48 and 60 inch diameter in the type shown at left.

Jeffrey Sand Settling Tanks

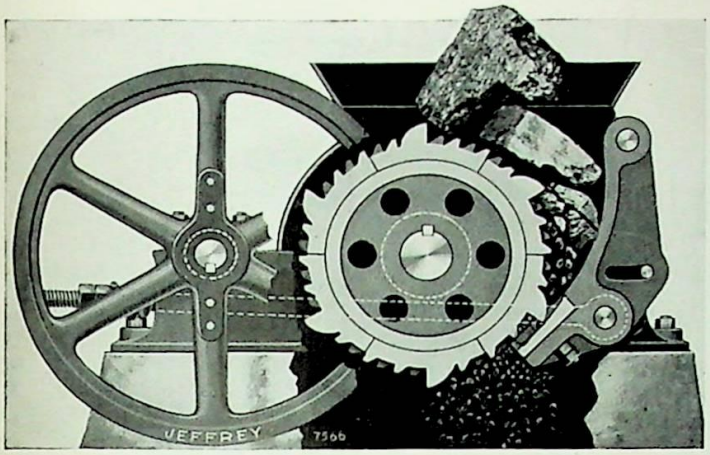


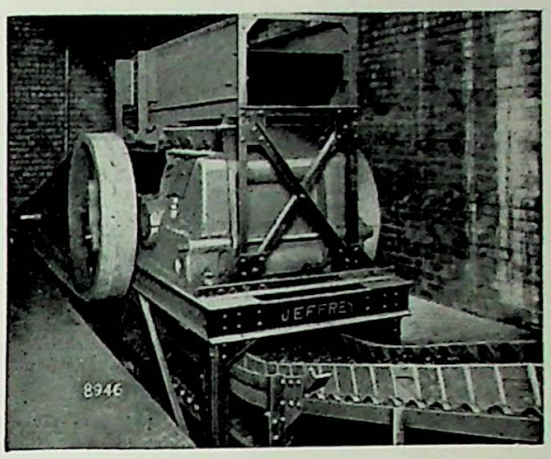
JEFFREY Sand Settling Tanks will dewater from 24 to 48 tons of sand into your bins every hour. The iron scrapers recover the sand from the water while the dirt goes out with the water through the overflow.

The Jeffrey Special No. 111 Hercules Chain used on this sandwasher is built for this particular job. Working in wet sand cuts out ordinary chains quicker than almost any other material handled by conveyors, but the manganese steel block links of the Special Hercules No. 111 Chain resist this cutting action.

Construction drawing and complete bill of material furnished for wooden tanks of the five standard capacities, 24, 30, 36, 42 and 48 tons per hour. Steel Tanks are furnished complete, for these capacities, being made in our structural steel plant.

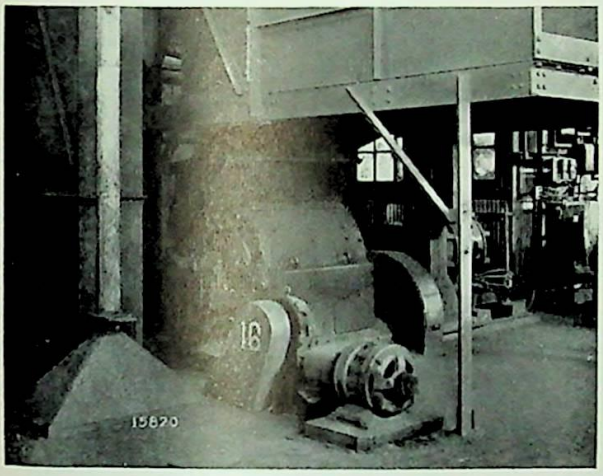
Jeffrey Pulverizers, Crushers and Shredders



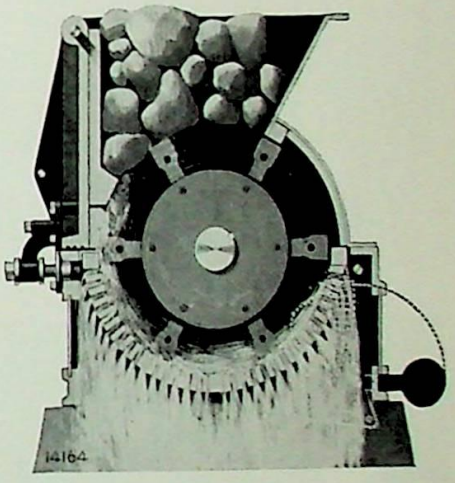


(Patented)

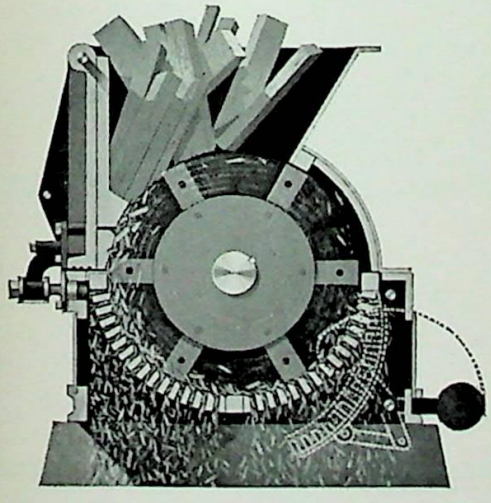
Jeffrey Single Roll Crusher reduces lump coal to stoker size in a single operation. In boiler plants the Crusher is usually installed to receive coal for crushing direct from track hopper. Write for Catalog 359A.



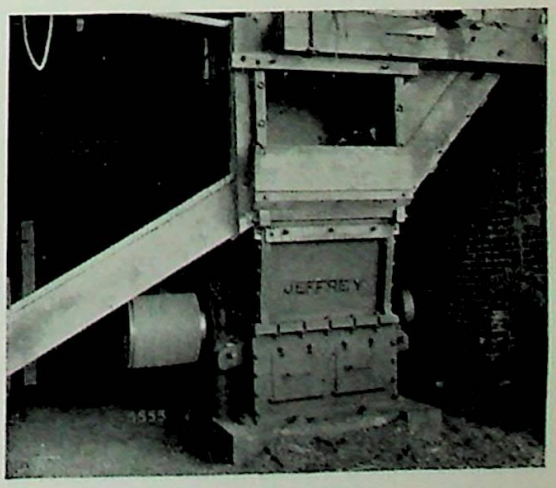
Patents issued and pending



The Jeffrey Pulverizer is a general purpose machine suitable for the reduction of such materials as limestone, shale, slate, chalk, gypsum, phosphate rock, asbestos rock and similar materials. Complete Catalog No. 368A will be sent on request.

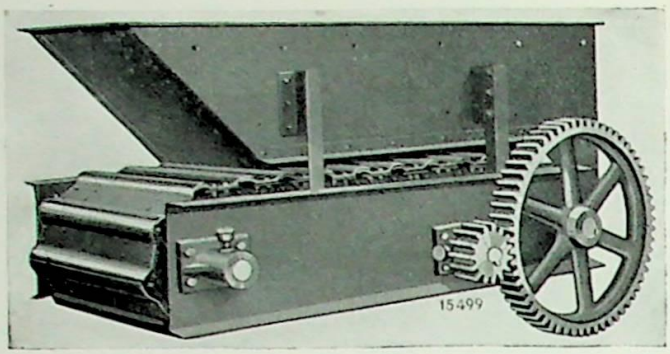


Patents issued and pending



Jeffrey Shredders are designed to reduce fibrous materials such as Wood Waste, Paper, Sugar Cane, etc. This machine has a useful application in many industries. Descriptive Catalog on request.

Jeffrey Feeders



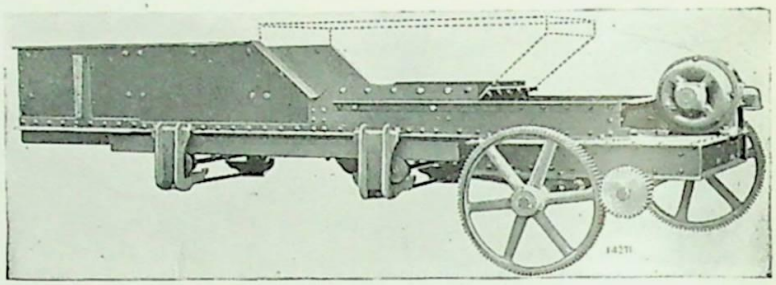
Steel Apron Type

JEFFREY Steel Apron Feeder for handling materials from a track hopper or bin to pulverizer, elevator or conveyor. Furnished in various lengths.

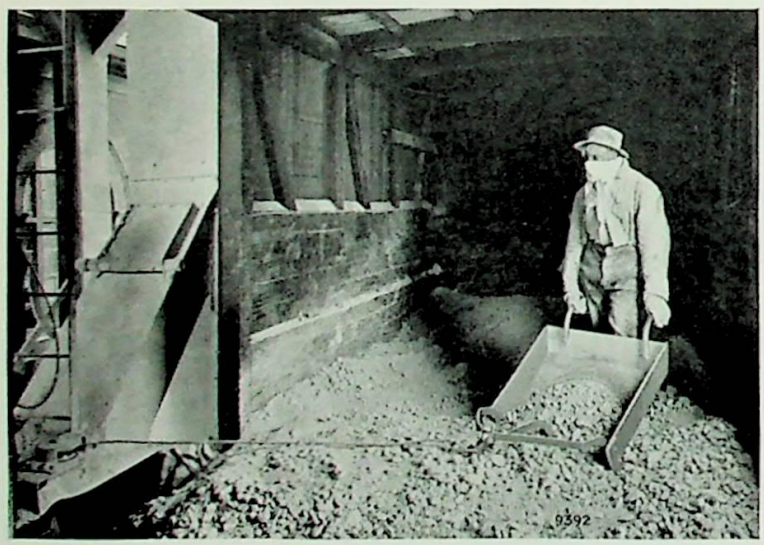
Complete information will be furnished upon request.

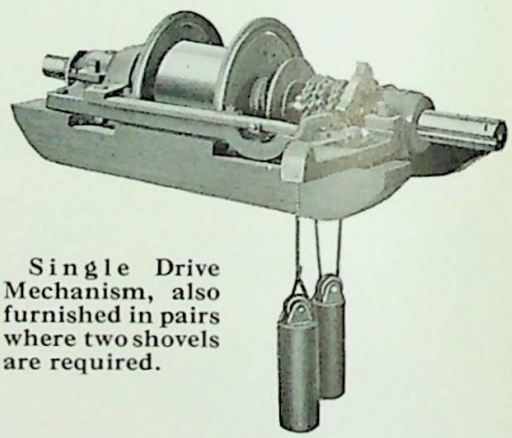
Reciprocating Plate Type

JEFFREY Reciprocating Plate Feeder for regulating the flow of material from track hopper or bin to pulverizer, elevator or conveyor. Furnished complete as shown at right with hopper made to suit. Full information upon request.



Jeffrey Power Shovel

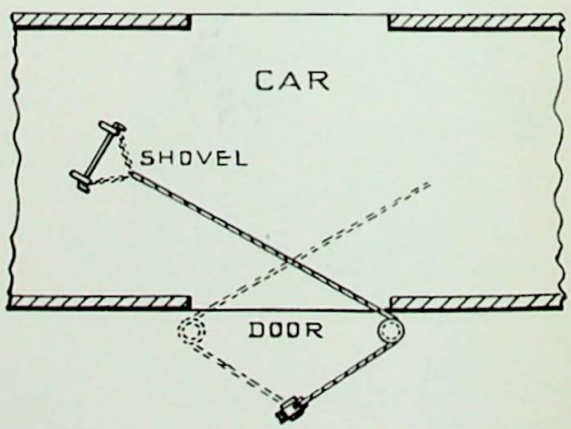




Single Drive Mechanism, also furnished in pairs where two shovels are required.

THE Jeffrey Power Shovel is designed for unloading bulk material which is shipped in box cars and is to be unloaded into chutes, hoppers, elevators or conveyors.

Operation of the Power Shovel is very simple and requires but little machinery. Diagram of operation is shown at right, while above is illustrated the driving mechanism.



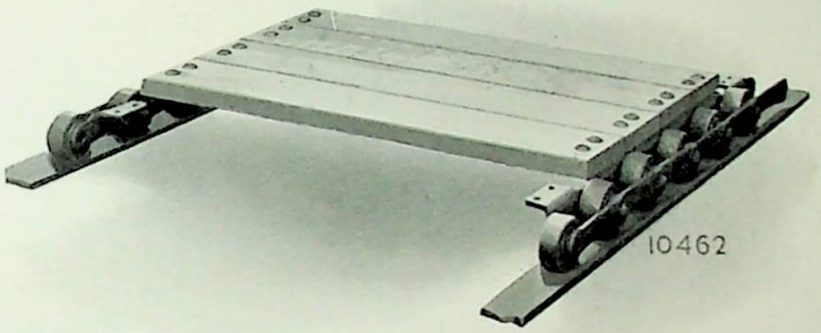
Jeffrey Apron Conveyors

Wooden Types

A GENERAL service conveyor for use in assembly work, also for moving materials from one department or building to another, for shipping platforms, warehouses, etc. Conveyors can be installed at floor level, and arranged to operate horizontally or on an incline. Below are shown two of the several types made to meet various handling conditions and requirements.

Wood apron drag conveyor, using Detachable Link Chain with A-1 or A-3 Attachments to which boards are bolted. Designed for the transfer of packages, light merchandise, etc.

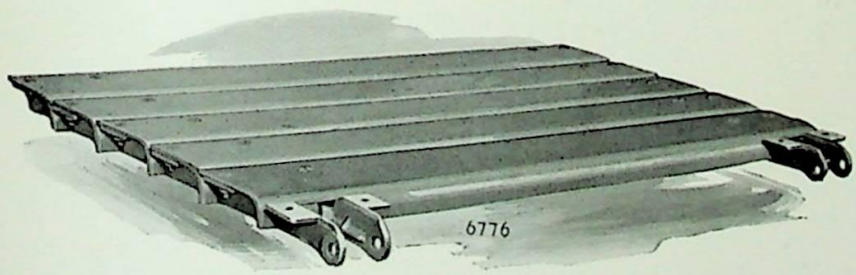
Wood apron conveyor, using malleable roller chain with D-1 Attachments. Used for heavier and more miscellaneous merchandise than type of conveyor illustrated above.



Steel Types

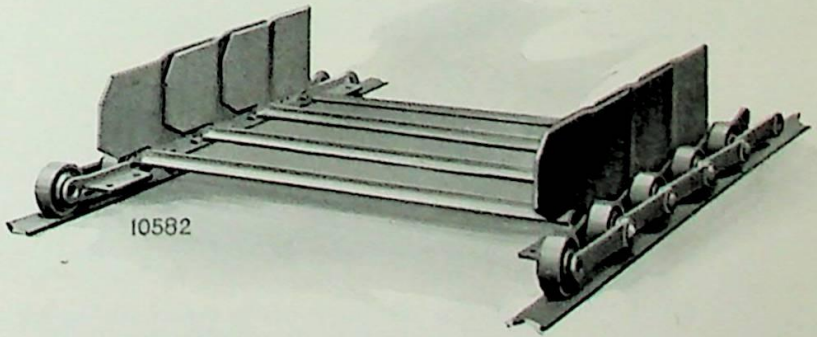
For conveying any kind of loose material which is not of a sticky nature such as coal, ores, stone, gravel, cullets, steel scrap, etc. Two popular types are shown below.

For complete information on Jeffrey Apron Conveyors, send for a copy of our Standard Apron Conveyor Catalog.

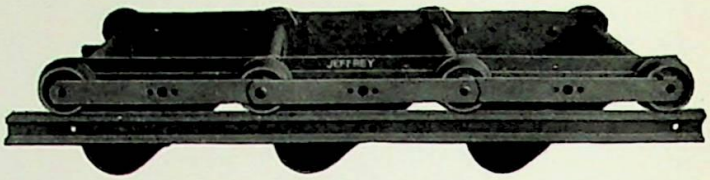


At the right is shown the Jeffrey Single Curved Apron used extensively for Lehr Conveyors. This apron is similar to the lapped apron shown below except that the pieces of steel are curved at one end and butted to each other to form a continuous smooth surface.

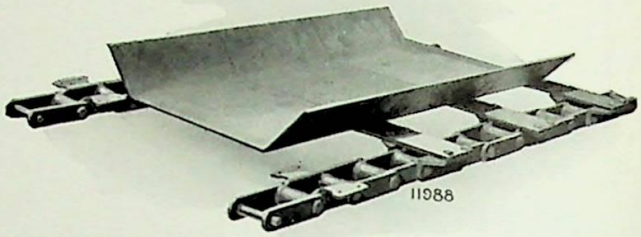
Steel Apron Conveyor using No. 126 Malleable Roller Chain. A general service conveyor adapted to much the same service as the type illustrated above, but for heavier duty.



Jeffrey Pan Conveyors



Round Bottom Type Mounted on Steel Thimble Roller Chain

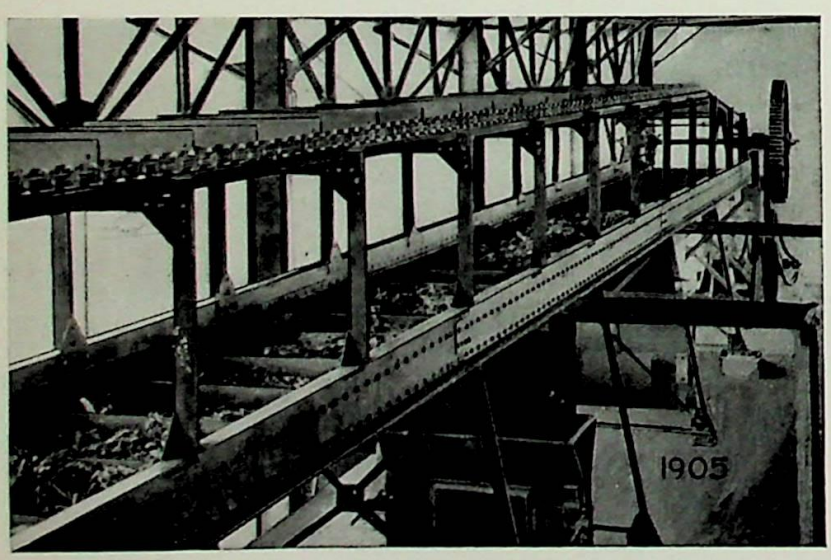


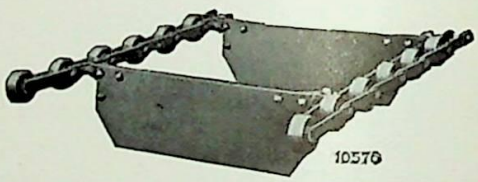
Flat Bottom Pan Mounted on Hercules Chain

THE Jeffrey Pan Conveyor is well adapted to the handling of abrasive or semi-abrasive materials, as none of the material comes in contact with the moving parts.

An excellent equipment for handling hot abrasive materials. The pans are mounted between two strands of steel thimble roller chain. Complete information upon request.

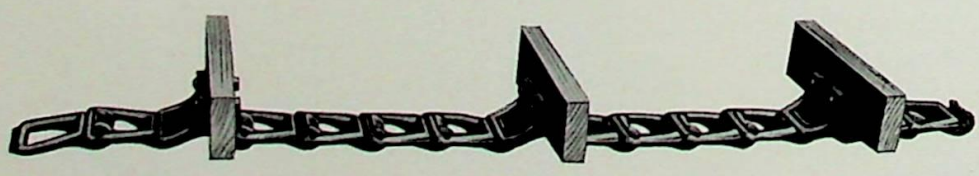
Jeffrey Scraper Conveyors





One of the many styles of Flights shown in our Catalog on Standard Scraper Conveyors, sent upon request

JEFFREY Scraper Conveyors offer a wide range of service in the handling of semi-abrasive materials, as they may be installed on the horizontal, on an incline, or as a combination of both, using single or double strands of chains. Complete catalog of Jeffrey Standardized Scraper Conveyors will be furnished upon request.

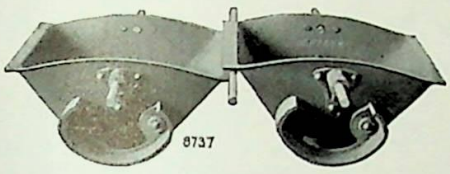


A general service Scraper Conveyor made up of Jeffrey Detachable Chain with F-2 Attachment and Wooden Flights.

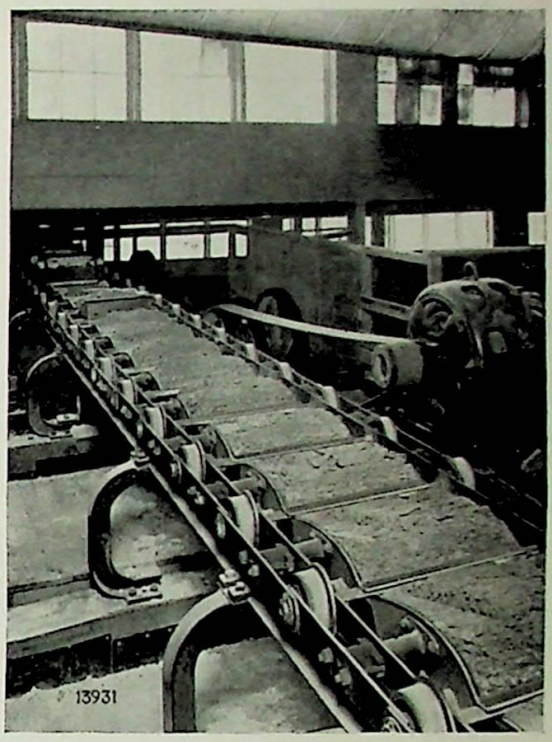
Jeffrey Bucket Conveyors

Pivoted Bucket Type

A CONVEYOR for handling materials in both a horizontal and vertical direction. Besides the handling of coal and ashes in power plant service, the Jeffrey Pivoted Bucket Carrier is adaptable to many other uses, of which the accompanying illustration is typical. Overlapping lips of the buckets form a continuous conveyor, thus requiring no automatic loader. Buckets are automatically discharged either at a fixed point or at any point along the horizontal.

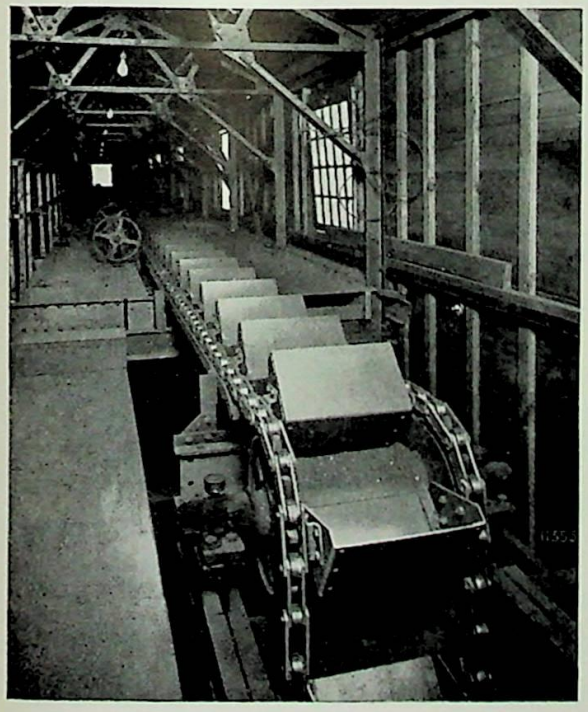


Complete Catalog upon request



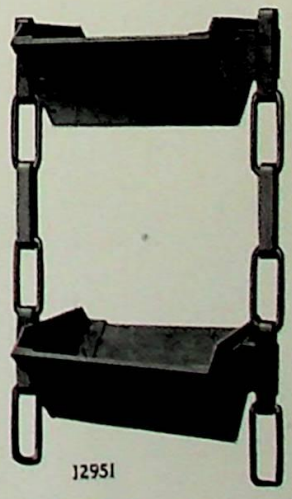
Handling silica mud in a refractories plant

V Bucket Type



Distributing Coal over Bunkers in a power house

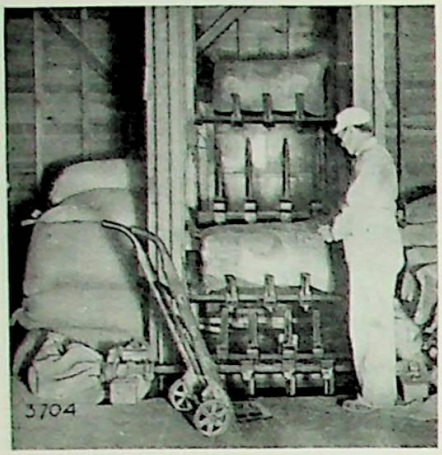
THE V-Bucket Conveyor may be used either as a rectangular or run-a-round conveyor conforming to the interior cross section of a building, or as a combined elevator and conveyor in which material is lifted vertically and then carried horizontally.



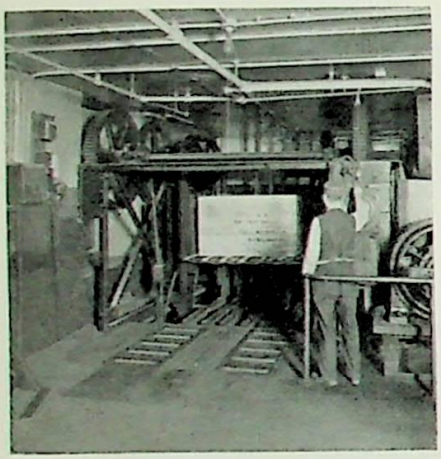
Buckets may be mounted on various types of chains to suit requirements.

Jeffrey Tray Elevators

For Light and Heavy Service in all Industries

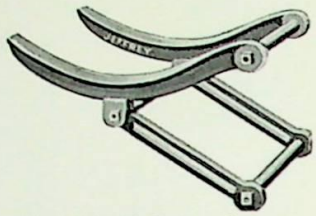


Handling Sacks in a Warehouse



Handling Boxes in a Chicago Department Store.

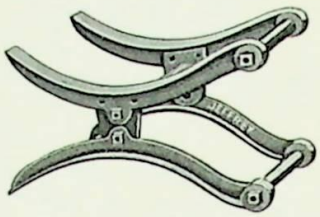
Handling Glazed Tile in a Tile Plant



B-1 Rigid Curved Arms

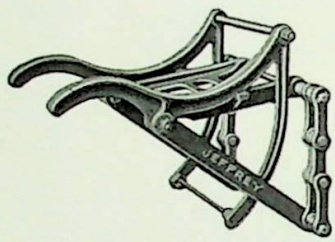
Made in Light and Heavy Designs.

Receive at the bottom or at any floor going up and deliver over the top only. A popular type, simple, cheap and durable.



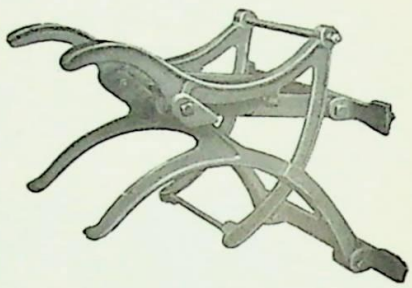
B-2 Rigid Curved Double Arms

Receive loads at any floor going up and discharge over top. Also receive and discharge at various floors going down.



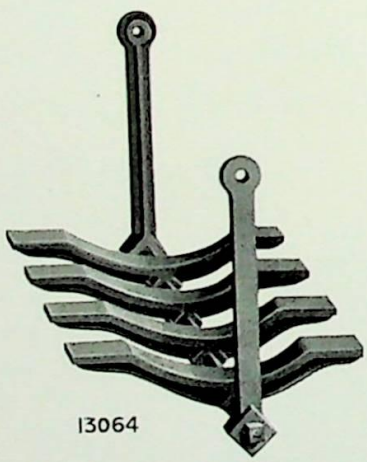
Receiving Position
B-10 Curved Tilting Arms

Receives and delivers loads going up only. Trip lugs placed at various floors engage the ends of the arms and discharge the loads.



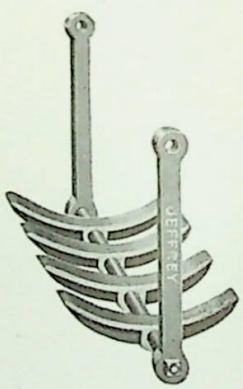
B-11 Combined Rigid and Tilting Arms

Receive and deliver at various floors going up same as B-10 and also when going down.

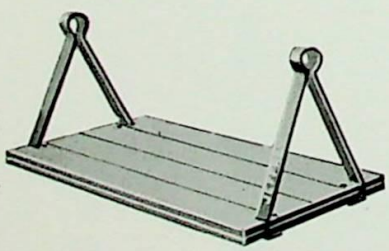


T-4 Combination Fingers

Also made with straight fingers.

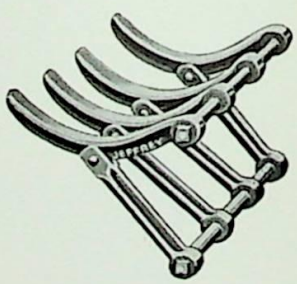


T-2 Curved Fingers



T-3 Wood or Steel Platform Tray

Platform Trays are made in small and large sizes for light and heavy duty from the handling of napkins, table ware, cans, etc., to heavy boxes, barrels, sewer tile, etc.



B-3 "Set of Four" Rigid Curved Arms

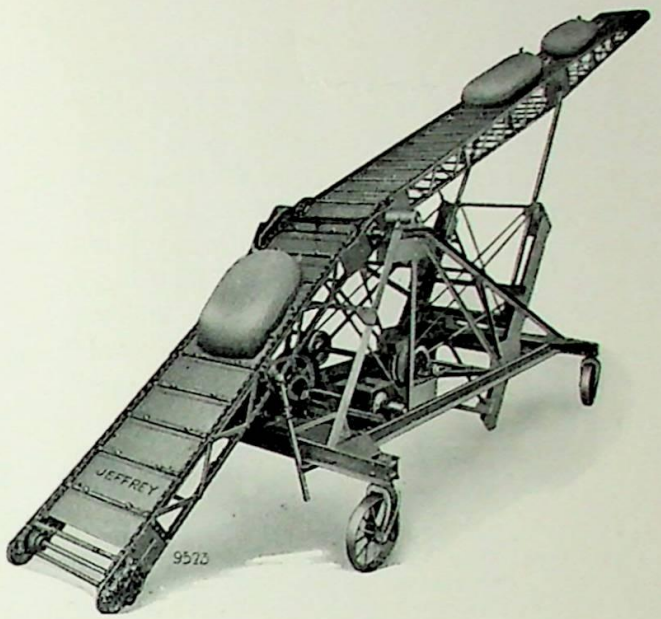
Receive and deliver same as B-1 Arms. Outside arms take Barrels—inside arms Kegs and Sacks, thus giving a wider range of service.

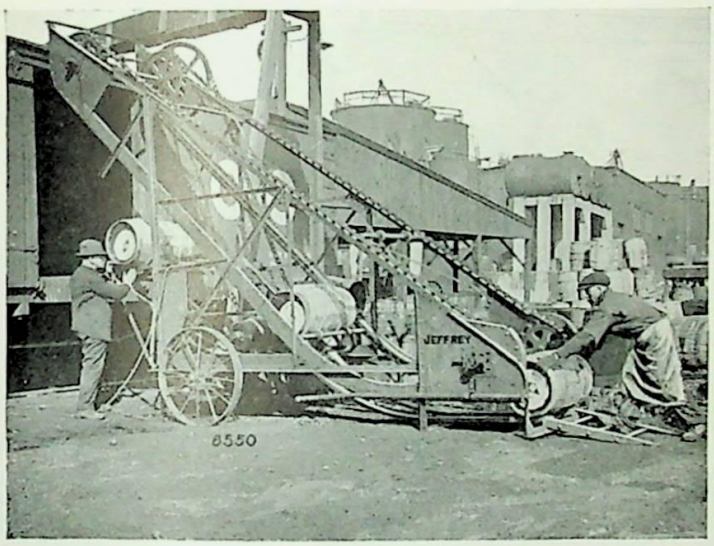
Detailed information on request.

Jeffrey Portable Equipments

Bag Stacker

FOR service in almost every industry where general merchandise such as bags, boxes and cartons is to be stacked in tiers. Its use is not limited alone to the stacking of materials as it serves equally well in "breaking-down" the piles or for loading onto shipping platforms and into cars. Stacks to a height of 25 feet.





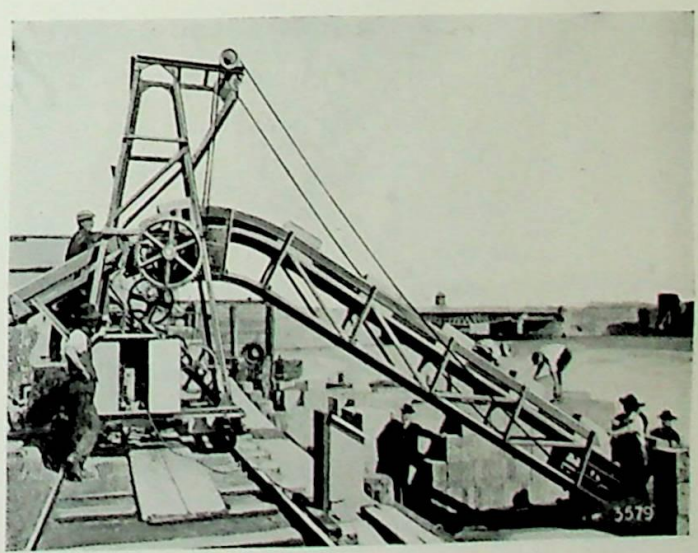
Barrel Loader

THE Portable Barrel Loader can be profitably used wherever a large number of barrels are to be handled. With it two men can handle barrels weighing 500 pounds at the rate of about 180 per hour.

Being equipped with two points of discharge, 5 ft. and 8 ft. above the ground, it is not only fitted to the loading of barrels to cars or platform, but also readily assists in the stacking of one tier upon another.

Freight Unloader

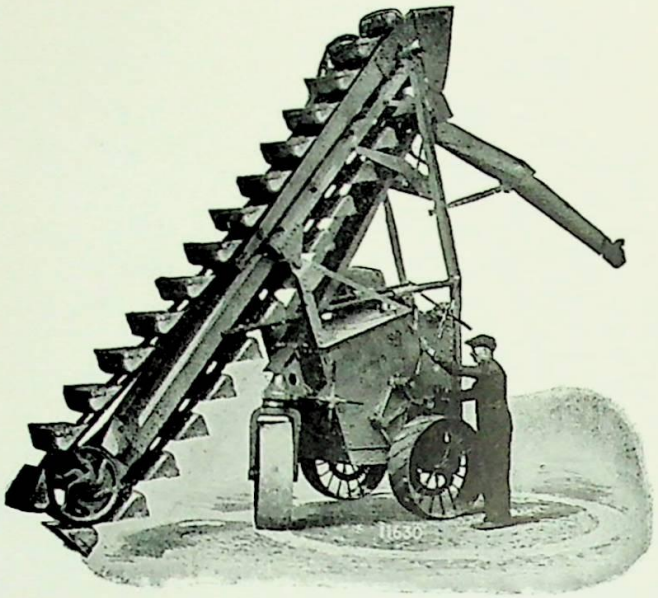
THE Freight Unloader mounted upon a self propelled truck is a very efficient means of unloading all kinds of boxes and packages from boats or barges to a wharf. By raising or lowering the boom it is readily adjustable to tide or dock conditions.



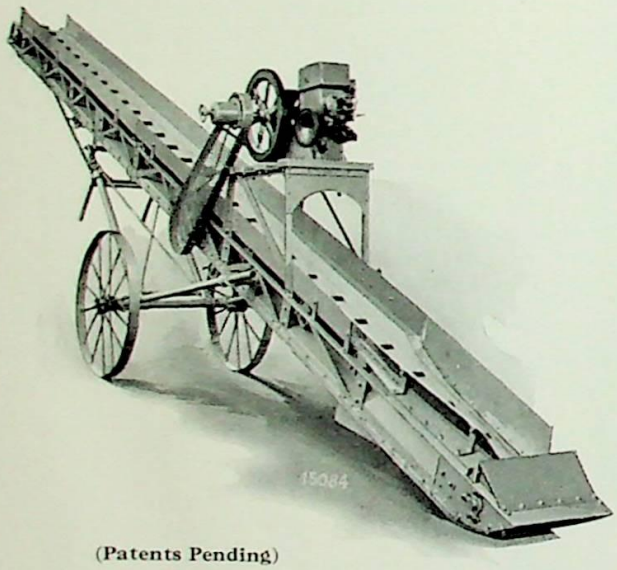
Jeffrey Portable Loaders and Unloaders

ON this page is shown the complete line of Jeffrey Portable Loading and Unloading Equipments for the handling of various classes of materials from railroad cars to storage or trucks and for reclaiming from ground storage. These equipments are the result of many years of experience in building this type of machinery to meet the requirements of coal yards, builders supply yards, industrial yards, etc. A separate catalog describing each will be furnished upon request.

At the right—Jeffrey Portable Bucket Loader, built in two types with capacities ranging from 1 to 2 cubic yards per minute. Equipped with either Gasoline Engine or Electric Motor. Caterpillar mounting also can be furnished.

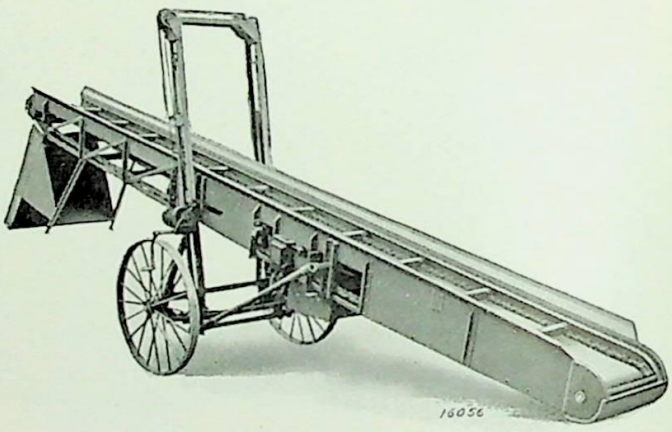


(Patented)



(Patents Pending)

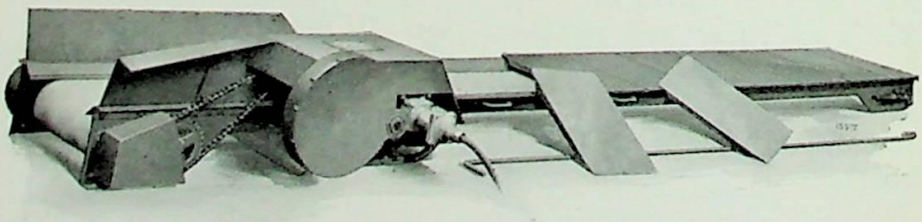
Jeffrey Portable Belt Conveyor for handling Sand, Gravel, Stone, Coal, Coke and similar materials: also Bricks, Boxes, etc. Built in 18, 24 and 30 foot lengths. Furnished with electric motor or gasoline engine.



(Patents Pending)

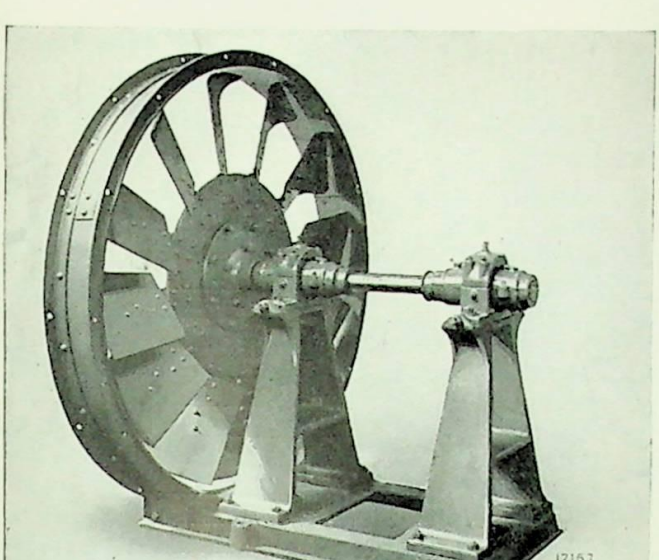
Portable Scraper Conveyor, designed especially for handling coal up to 20 inch lumps. Built in 20, 25 and 30 foot lengths. Furnished with motor or gasoline engine.

The Jeffrey X-TRACK-TOR Car Unloader is designed for unloading such materials as coal, coke, crushed stone, gravel, sand, etc. from hopper bottom railroad cars. This machine does not require a pit or any special arrangement, but fits over the rails directly beneath hopper bottom doors. Furnished with electric motor or gasoline engine.

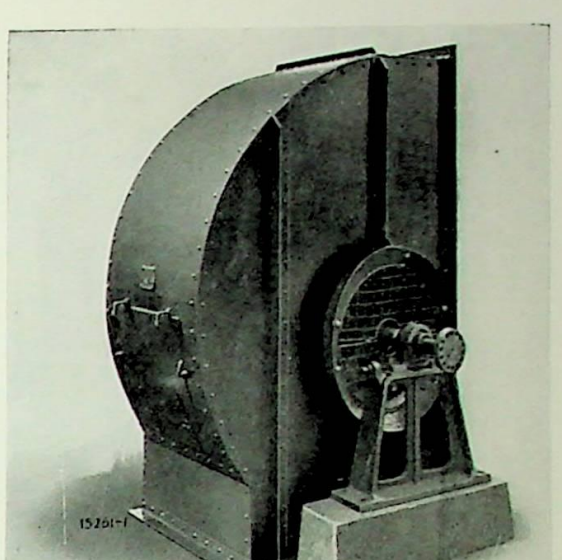


(Patents Pending)

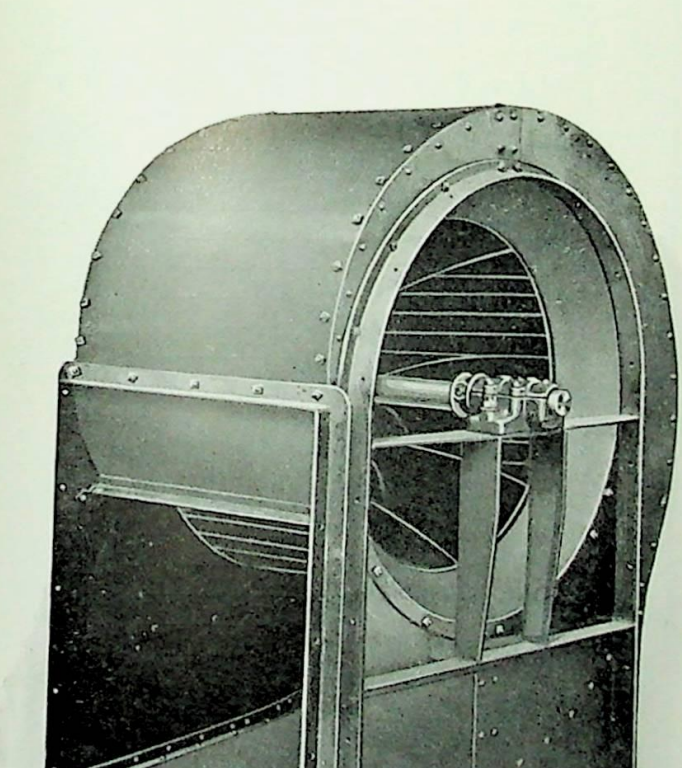
Jeffrey Industrial Fans and Blowers



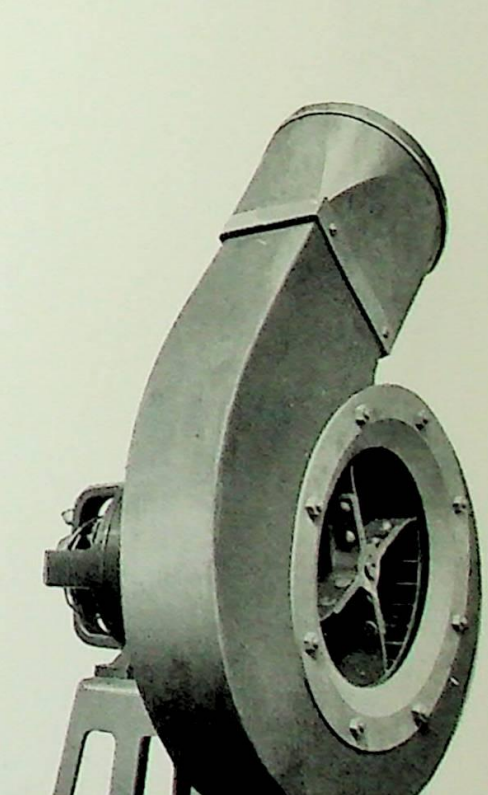
Jeffrey Straitflo Fans are made in sizes from 4′ to 8′. These fans are used against low pressures. Write for Bulletin No. 348.



(Patent Pending)
Jeffrey Safeload Fan which has full backward curved blades. These fans are ideal for direct connection to electric motors. Send for Catalog No. 440.



Jeffrey Stepped Multi-Bladed Fan with forward curved blades. Built in sizes from 2′ to 20′. Write for Catalog No. 370.



Jeffrey Universal Blowers for use where small volume and high pressure are required. Ask for Bulletin No. 408.

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